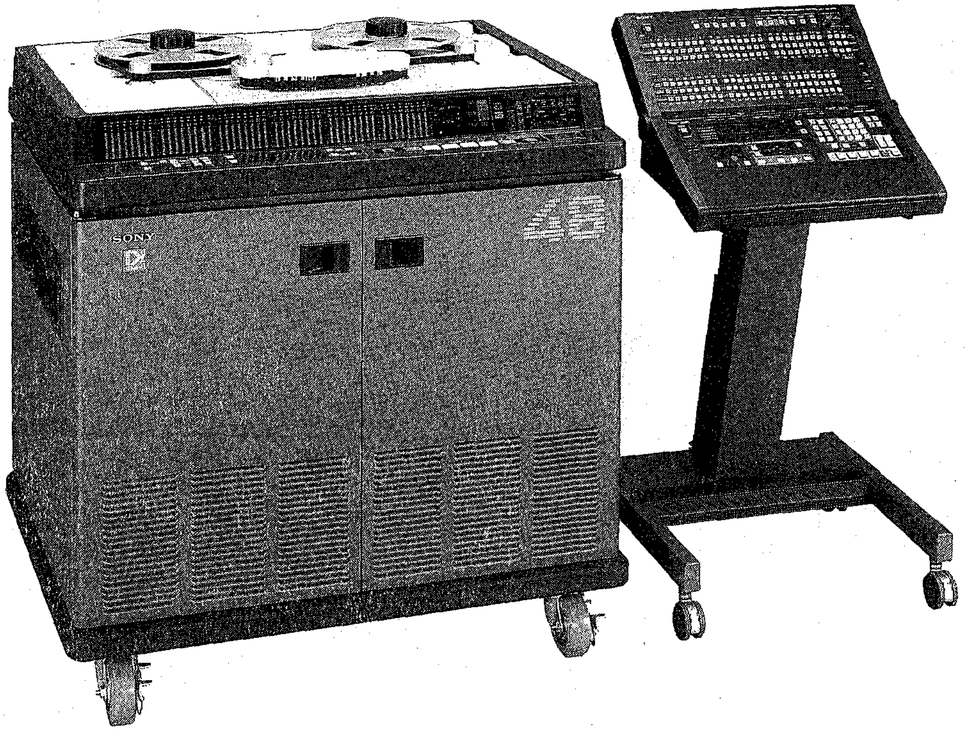
SONY®

DIGITAL AUDIO RECORDER
PCM-3348



DASH

MAINTENANCE MANUAL
Volume2 1st Edition (Revised 7)
Serial No.10001 and Higher

WARNING

For the customers in U.S.A.

This equipment generates, uses, and can radiate radio frequency energy and if not installed and used in accordance with the instructions manual, may cause interference to radio communications. It has been tested and found to comply with the limits for a Class A computing device pursuant to Subpart J of Part 15 of FCC Rules, which are designed to provide reasonable protection against such interference when operated in a commercial environment. Operation of this equipment in a residential area is likely to cause interference in which case the user at his own expense will be required to take whatever measures may be required to correct the interference.
Important—To insure that the complete system (including this peripheral) is capable of complying with the FCC requirements, it is recommended that the user make sure that the individual equipment of the complete system has a label with one of the following statements.
"This equipment has been tested with a Class A Computing Device and has been found to comply with Part 15 of FCC rules."
—or—
"This equipment complies with the requirements in Part 15 of FCC rules for a Class A Computing Device."
—or equivalent.

The shielded interface cable recommended in this manual must be used with this equipment in order to comply with the limits for a computing device pursuant to Subpart J of Part 15 of FCC Rules.

For the customers in Canada

This apparatus complies with the Class A limits for radio noise emissions set out in Radio Interference Regulations.

Pour les utilisateurs au Canada

Cet appareil est conforme aux normes Classe A pour bruits radioélectriques, spécifiés dans le Réglement sur le brouillage radioélectrique.

SAFETY CHECK-OUT

After correcting the original service problem, perform the following safety checks before releasing the set to the customer:

Check the metal trim, "metallized" knobs, screws, and all other exposed metal parts for AC leakage. Check leakage as described below.

LEAKAGE TEST

The AC leakage from any exposed metal part to earth ground and from all exposed metal parts to any exposed metal part having a return to chassis, must not exceed 3.5 mA. Leakage current can be measured by any one of three methods.

1. A commercial leakage tester, such as the Simpson 229 or RCA WT-540A. Follow the manufacturers' instructions to use these instruments.

2. A battery-operated AC milliammeter. The Data Precision 245 digital multimeter is suitable for this job.

3. Measuring the voltage drop across a resistor by means of a VOM or battery-operated AC voltmeter. The "limit" indication is 5.25 V, so analog meters must have an accurate low-voltage scale. The Simpson 250 and Sanwa SH-63Trd are examples of a passive VOM that is suitable. Nearly all battery operated digital multimeters that have a 20 V AC range are suitable. (See Fig. A)

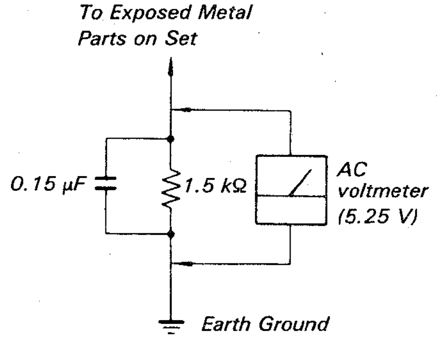


Fig. A. Using an AC voltmeter to check AC leakage.

マニュアル使用上の注意

シリアルNo.20001以降のPCM-3348に対してこのメンテナンスマニュアルを使用する場合、下記の項目については DABK-3341 MAINTENANCE MANUALを参照してください。

<table>
<tr><th>項目（対象シリアルNo.20001以降）</th><th>備　考</th></tr>
<tr><td>第1章　メッセージ表示一覧表</td><td rowspan="5">シリアルNo.20001以降の変更部品
CARD RACK:
<table>
<tr><th>シリアルNo.
10001 to 20000</th><th>シリアルNo.
20001以降</th></tr>
<tr><td>ED-19 BOARD</td><td>→ED-26 BOARD</td></tr>
<tr><td>ED-20 BOARD</td><td>→ED-27 BOARD</td></tr>
<tr><td>MC-33 BOARD</td><td>→MC-33A BOARD</td></tr>
<tr><td>TC-50 BOARD</td><td>→TC-68 BOARD</td></tr>
<tr><td>TRC-1 BOARD</td><td>→TRC-1A BOARD</td></tr>
</table>
REMOTE CONTROL:
<table>
<tr><th>シリアルNo.
10001 to 20000</th><th>シリアルNo.
20001以降</th></tr>
<tr><td>SKS-3 BOARD</td><td>→SKS-4 BOARD</td></tr>
<tr><td>SY-128 BOARD</td><td>→SY-128A BOARD</td></tr>
<tr><td>SC PANEL ASSY</td><td>→SC-2 PANEL ASSY</td></tr>
</table></td></tr>
<tr><td>第6章　電気調整

6-3.サーボ系の調整
6-3-2.RS-24基板調整
6-3-3.CS-24基板調整
6-7.タイムコードの調整</td></tr>
<tr><td>A.BLOCK DIAGRAM AND THEORY OF OPERATIONS

OVERALL
CARD RACK:ED-26 BOARD
ED-27 BOARD
TC-68 BOARD
TRC-1A BOARD
REMOTE CONTROL:OVERALL</td></tr>
<tr><td>B.SCHEMATIC AND CIRCUIT BOARD DIAGRAMS

CARD RACK:ED-26 BOARD
ED-27 BOARD
TC-68 BOARD
TRC-1A BOARD
REMOTE CONTROL:SKS-4 BOARD</td></tr>
<tr><td>D.REPLACEABLE PARTS

D-2.EXPLODED VIEWS AND PARTS LIST
REMOTE CONTROL:SC-2 PANEL ASSY
D-3.ELECTRICAL PARTS LIST
CARD RACK:ED-26 BOARD
ED-27 BOARD
TC-68 BOARD
TRC-1A BOARD
REMOTE CONTROL:SKS-4 BOARD</td></tr>
</table>

NOTE ON THE USE OF THE MANUAL

When you use this maintenance manual for the **PCM-3348 with Serial No. 20001 and higher**, refer to the DABK-3341 Maintenance Manual on the following items.

<table>
<tr><th>Items (Serial No. 20001 and higher)</th><th>Remarks</th></tr>
<tr><td>Section 1 MESSAGE LIST</td><td rowspan="5">Changed parts of Serial No. 20001 and higher
CARD RACK:<table>
<tr><th>Serial No.10001 to 20000</th><th>Serial No.20001 and higher</th></tr>
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<tr><td>ED-20 BOARD →</td><td>ED-27 BOARD</td></tr>
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<tr><td>SY-128 BOARD →</td><td>SY-128A BOARD</td></tr>
<tr><td>SC PANEL ASSY →</td><td>SC-2 PANEL ASSY</td></tr>
</table></td></tr>
<tr><td>Section 6 ELECTRICAL ADJUSTMENT

6-3. ADJUSTMENT OF THE SERVO BLOCK
6-3-2. RS-24 board adjustment
6-3-3. CS-24 board adjustment
6-7. ADJUSTMENT OF THE TIME CODE</td></tr>
<tr><td>A. BLOCK DIAGRAM AND THEORY OF OPERATIONS

OVERALL
CARD RACK: ED-26 BOARD
ED-27 BOARD
TC-68 BOARD
TRC-1A BOARD
REMOTE CONTROL: OVERALL</td></tr>
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ED-27 BOARD
TC-68 BOARD
TRC-1A BOARD
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D-2. EXPLODED VIEWS AND PARTS LIST
REMOTE CONTROL: SC-2 PANEL ASSY
D-3. ELECTRICAL PARTS LIST
CARD RACK: ED-26 BOARD
ED-27 BOARD
TC-68 BOARD
TRC-1A BOARD
REMOTE CONTROL: SKS-4 BOARD</td></tr>
</table>

B. SCHEMATIC AND CIRCUIT BOARD DIAGRAMS

KEYBOARDS/DISPLAY (BOARD DIAGRAM)

CN-250 .... B-227
DR-71 .... B-233
LD-24 .... B-239
KC-17 .... B-247
KY-140 .... B-253
KY-141 .... B-257
KY-142 .... B-261
KY-143 .... B-267

OTHERS (BOARD DIAGRAM)

FAM-14/FL-60 .... B-271
GMT-1/PMT-1 .... B-275
PRE-1 .... B-281
PTN-1(CRF-1/SW-311) B-285
PWT-1 .... B-291
REC-5 .... B-297
RG-23/TM-24 .... B-307
MB-194 .... B-315
MB-195 .... B-321
MB-196 .... B-333

REMOTE CONTROL UNIT (BOARD DIAGRAM)

ASW-8/SW-298 .... B-347
ASW-9 .... B-355
CN-247 .... B-359
DR-70 .... B-367
RM-59/JK-25 .... B-375
SKS-3/SW-297 .... B-383
SY-128/128A B-391

POWER SUPPLY (BOARD DIAGRAM)

A, B B-395
C B-399
D, E, F, G, T, U B-403
H B-407
P, Q B-411
J, K, L, M, N, O, R, S B-419
UR-03 .... B-425

KEY BOARDS/DISPLAY (SCHEMATIC DIAGRAM)

CN-250 .... B-426
DR-71/LD-24 .... B-427
KC-17 .... B-428
KY-140 .... B-433
KY-141 .... B-434
KY-142 .... B-435
KY-143 .... B-436

OTHERS (SCHEMATIC DIAGRAM)

FAM-14/FL-60 .... B-437
GMT-1 .... B-438
PMT-1 .... B-439
PRE-1 .... B-440
PTN-1/CRF-1/SW-311 .... B-442
PWT-1 .... B-443
REC-5 .... B-444
RG-23/TM-24/PE-18 .... B-447
FRAME WIRING B-448
MB-194 .... B-449
MB-195 .... B-452
MB-196 .... B-457

REMOTE CONTROL UNIT (SCHEMATIC DIAGRAM)

ASW-8/SW-298 ········· B-462
ASW-9 ········· B-463
CN-247 ········· B-464
DR-70 ········· B-465
RM-59/JK-25 ········· B-469
SKS-3/SW-297 ········· B-475
SY-128/128A ········· B-477
REMOTE FRAME WIRING ········· B-483

POWER SUPPLY (SCHEMATIC DIAGRAM)

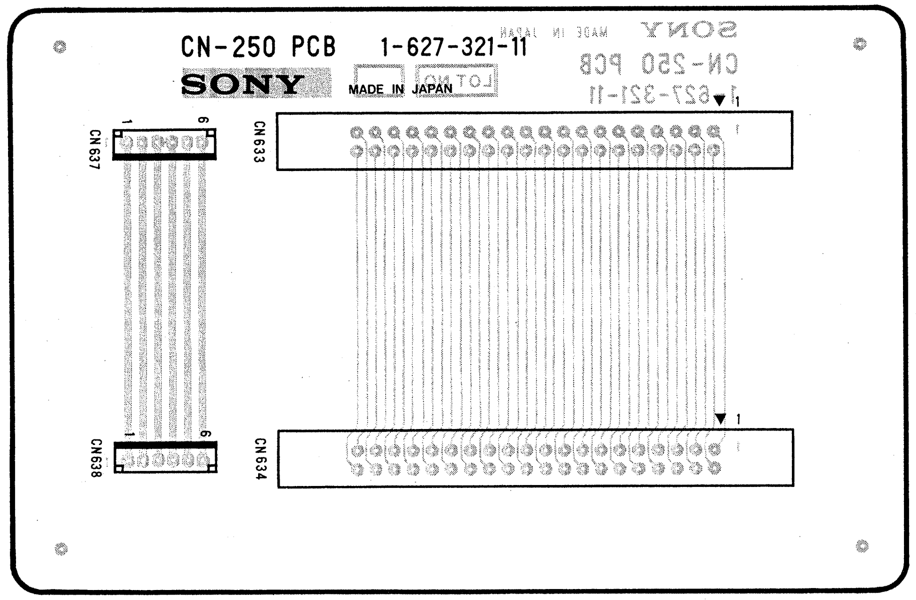
A, B ········· B-484
C ········· B-485
D ········· B-486
E ········· B-487
F ········· B-488
G ········· B-489
T ········· B-490
U ········· B-491
H ········· B-492
P, Q ········· B-493
FRAME ········· B-494
UR-03 ········· B-495

D. REPLACEABLE PARTS

D-1. PARTS ORDERING INFORMATION ········· D-1
D-2. EXPLODED VIEWS AND PARTS LIST ········· D-1
D-3. ELECTRICAL PARTS LIST ········· D-41
  D-3-1. MAIN UNIT AND
    REMOTE CONTROL UNIT ········· D-41
  D-3-2. POWER SUPPLY ········· D-145
D-4. ACCESSORIES SUPPLIED ········· D-163

CN-250 BOARD (1-627-321-11)

Component Side


CN-250 PCB
1-627-321-11
SONY
MADE IN JAPAN
LOT NO
CN637
CN633
CN638
CN634
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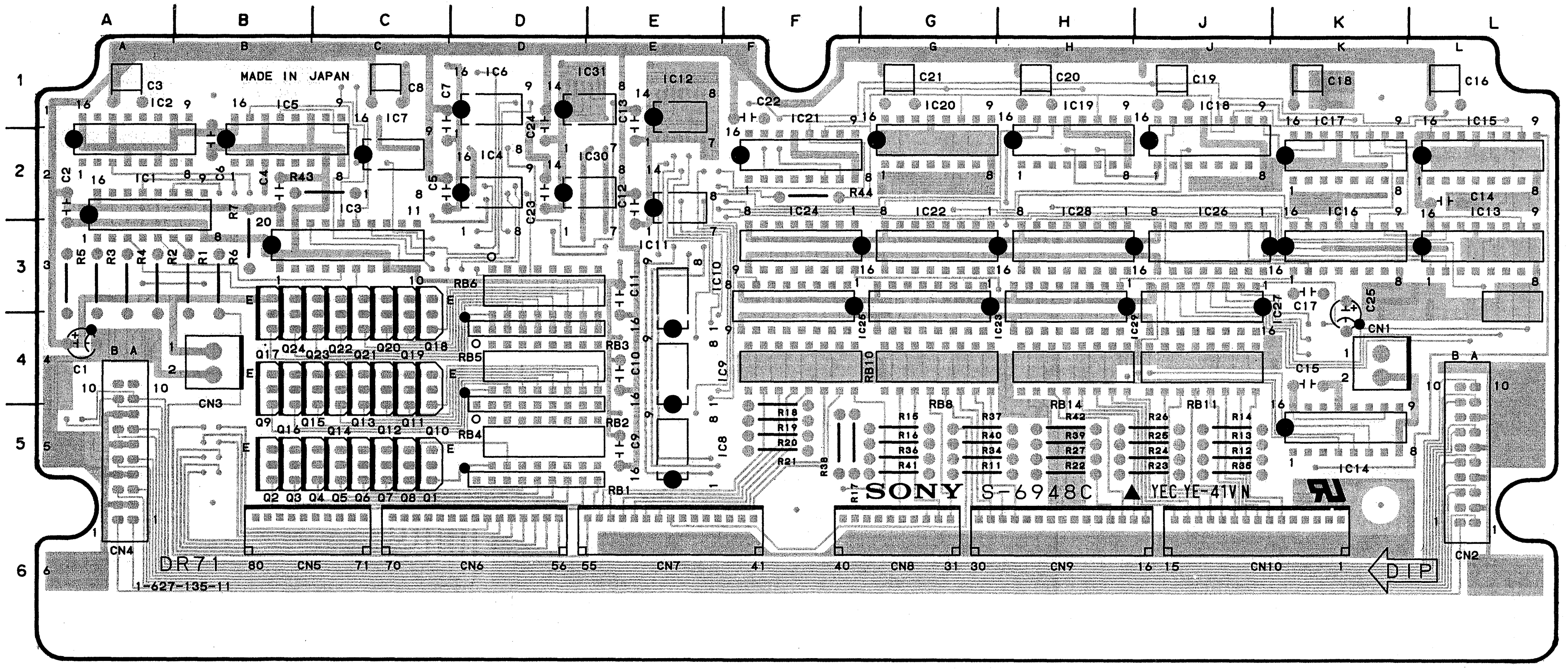
1

▨ SOLDER SIDE PATTERN

DR-71 BOARD (1-627-135-11)
Component Side


A
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J
K
L
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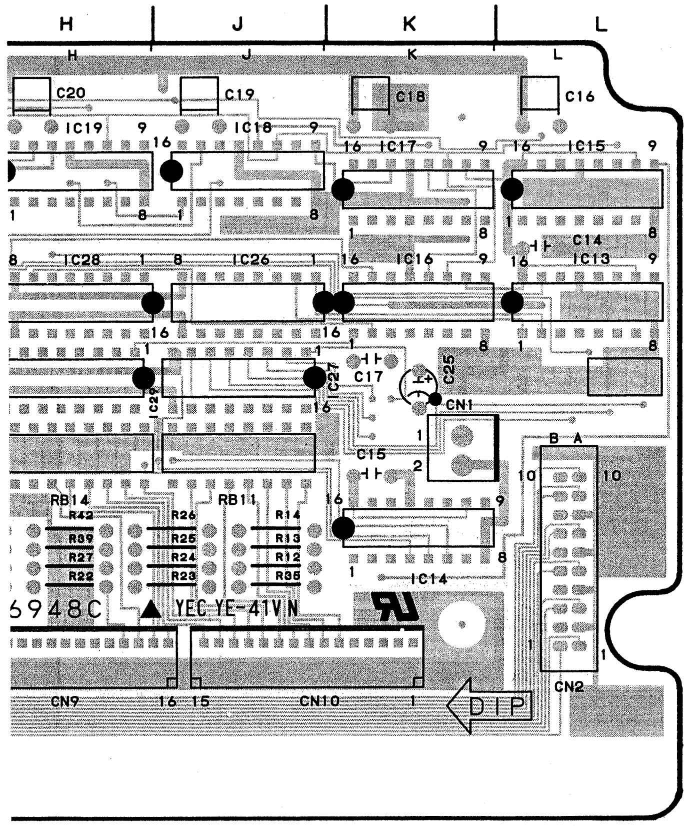
6
MADE IN JAPAN
SONY
S-6948C
YEC YE-41VN
DR71
1-627-135-11
DIP
CN1
CN2
CN3
CN4
CN5
CN6
CN7
CN8
CN9
CN10
IC1
IC2
IC3
IC4
IC5
IC6
IC7
IC8
IC9
IC10
IC11
IC12
IC13
IC14
IC15
IC16
IC17
IC18
IC19
IC20
IC21
IC22
IC24
IC25
IC26
IC27
IC28
IC29
IC30
IC31
RB1
RB2
RB3
RB4
RB5
RB6
RB8
RB10
RB11
RB14

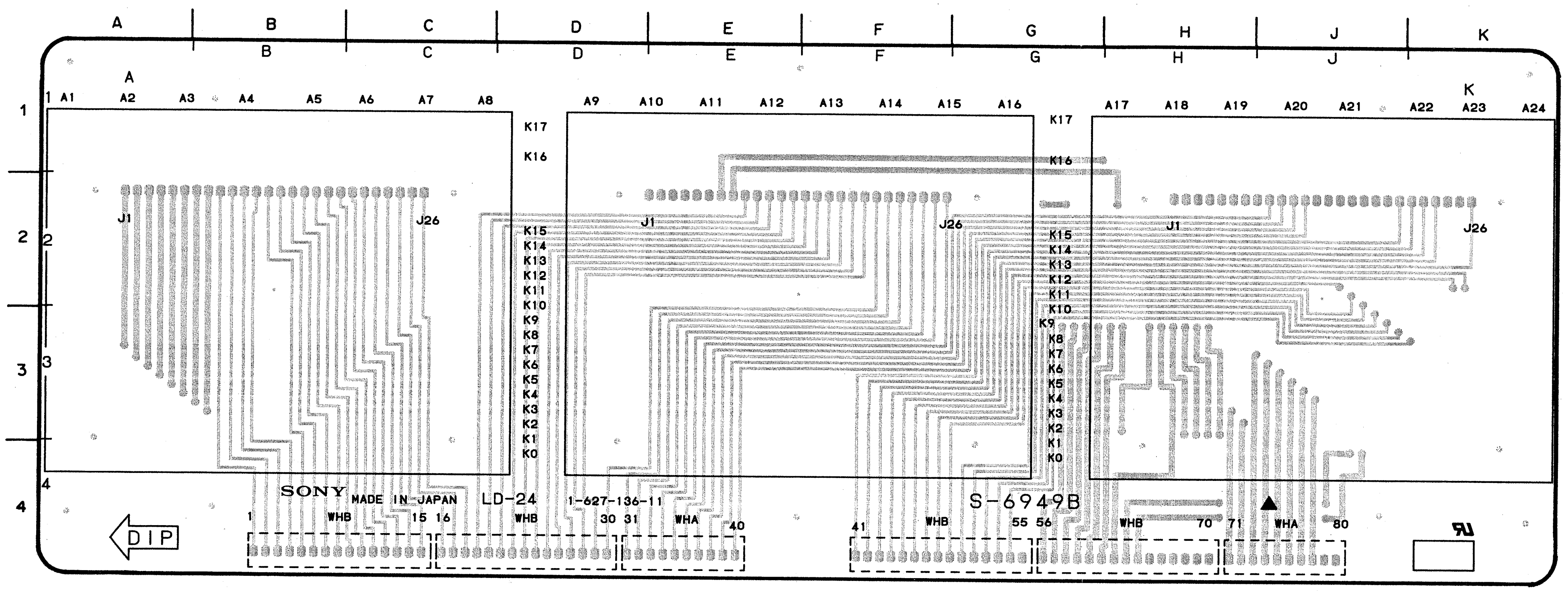
■ SOLDER SIDE PATTERN

CN1	K-4
CN2	L-5
CN3	B-4
CN4	A-5
CN5	B-6
CN6	D-6
CN7	E-6
CN8	G-6
CN9	H-6
CN10	J-6
IC1	A-2
IC2	A-2
IC3	C-3
IC4	D-2
IC5	B-2
IC6	D-1
IC7	C-2
IC8	E-5
IC9	E-4
IC10	E-3
IC11	E-2
IC12	E-1
IC13	L-3
IC14	K-5
IC15	L-2
IC16	K-3
IC17	K-2
IC18	J-2
IC20	G-2
IC21	F-2
IC22	G-3
IC23	G-3
IC24	F-3
IC25	F-3
IC26	J-3
IC27	J-3
IC28	H-3
IC29	H-3
IC30	E-2
IC31	E-1
Q1	C-5
Q2	B-5
Q3	B-5
Q4	C-5
Q5	C-5
Q6	C-5
Q7	C-5
Q8	C-5
Q9	B-4
Q10	C-4
Q11	C-4
Q12	C-4
Q13	C-4
Q14	C-4
Q15	C-4
Q16	B-4
Q17	B-4
Q18	C-4
Q19	C-4
Q20	C-4
Q21	C-4
Q22	C-4
Q23	C-4
Q24	B-4
RB1	D-5
RB2	D-5
RB3	D-4
RB4	D-5
RB5	D-4
RB6	D-3
RB8	G-4
RB10	F-4
RB11	J-4
RB14	H-4


H
J
K
L
C20
C19
C18
C16
IC19
IC18
IC17
IC15
C14
IC28
IC26
IC16
IC13
C17
C25
C27
CN1
C15
RB14
RB11
R42
R26
R14
R39
R25
R13
R27
R24
R12
R22
R23
R35
IC14
5948C
YEC YE-41VN
CN9
CN10
CN2
DIP

CN1	K-4
CN2	L-5
CN3	B-4
CN4	A-5
CN5	B-6
CN6	D-6
CN7	E-6
CN8	G-6
CN9	H-6
CN10	J-6
IC1	A-2
IC2	A-2
IC3	C-3
IC4	D-2
IC5	B-2
IC6	D-1
IC7	C-2
IC8	E-5
IC9	E-4
IC10	E-3
IC11	E-2
IC12	E-1
IC13	L-3
IC14	K-5
IC15	L-2
IC16	K-3
IC17	K-2
IC18	J-2
IC20	G-2
IC21	F-2
IC22	G-3
IC23	G-3
IC24	F-3
IC25	F-3
IC26	J-3
IC27	J-3
IC28	H-3
IC29	H-3
IC30	E-2
IC31	E-1
Q1	C-5
Q2	B-5
Q3	B-5
Q4	C-5
Q5	C-5
Q6	C-5
Q7	C-5
Q8	C-5
Q9	B-4
Q10	C-4
Q11	C-4
Q12	C-4
Q13	C-4
Q14	C-4
Q15	C-4
Q16	B-4
Q17	B-4
Q18	C-4
Q19	C-4
Q20	C-4
Q21	C-4
Q22	C-4
Q23	C-4
Q24	B-4
RB1	D-5
RB2	D-5
RB3	D-4
RB4	D-5
RB5	D-4
RB6	D-3
RB8	G-4
RB10	F-4
RB11	J-4
RB14	H-4

LD-24 BOARD (1-627-136-11)
Component Side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A18
A19
A20
A21
A22
A23
A24
J1
J26
K17
K16
K15
K14
K13
K12
K11
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K9
K8
K7
K6
K5
K4
K3
K2
K1
K0
SONY
MADE IN JAPAN
LD-24
1-627-136-11
S-6949B
DIP
1
WHB
15
16
WHB
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31
WHA
40
41
WHB
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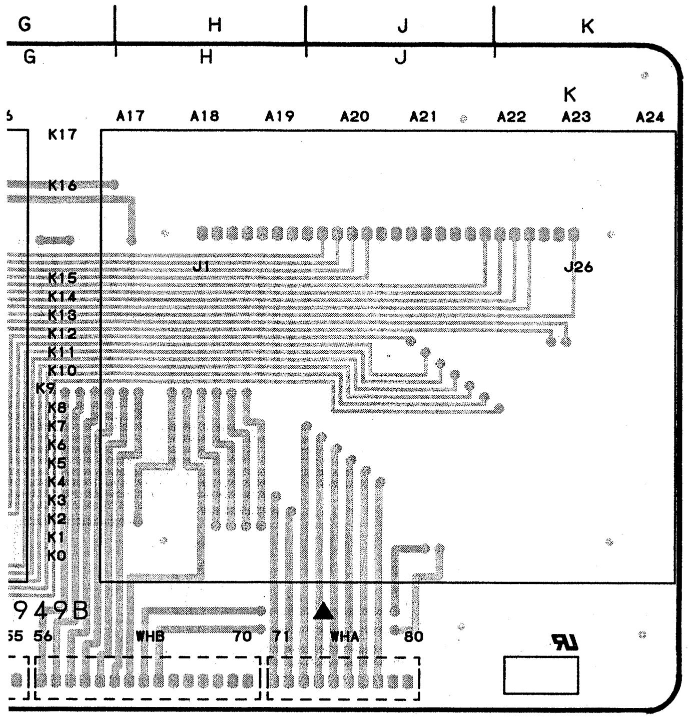
56
WHB
70
71
WHA
80

▨ SOLDER SIDE PATTERN


G
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A17
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A19
A20
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A22
A23
A24
K17
K16
J1
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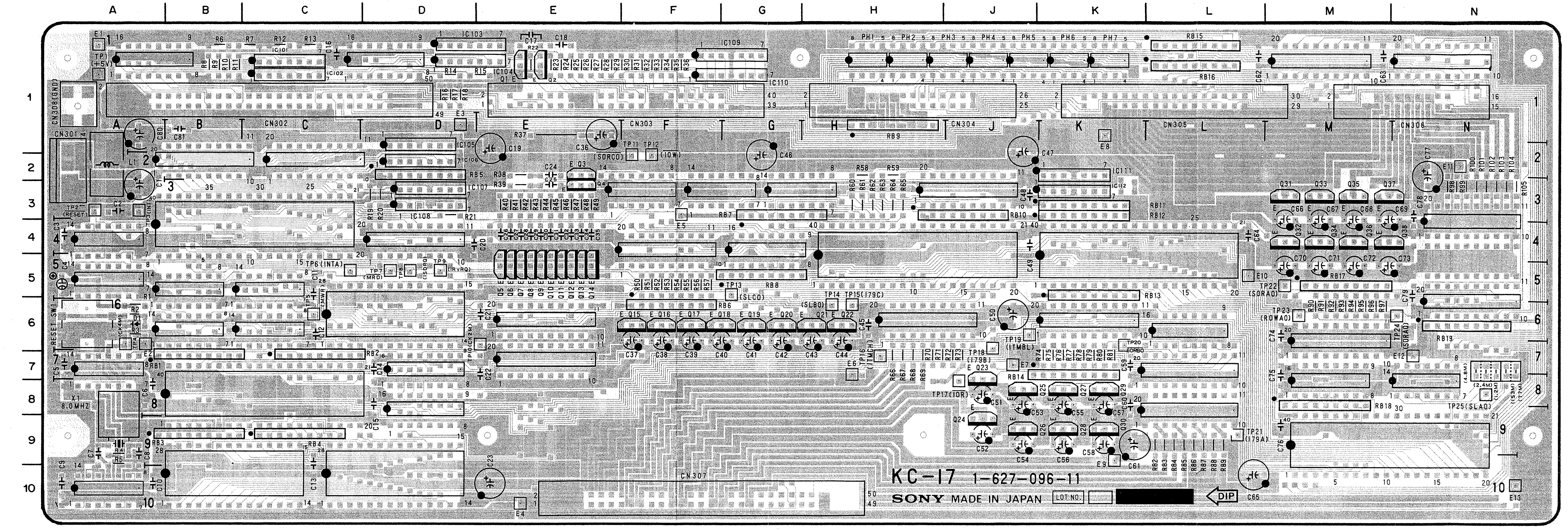
K14
K13
K12
K11
K10
K9
K8
K7
K6
K5
K4
K3
K2
K1
K0
949B
55
56
WHB
70
71
WHA
80

KEYBOARDS/DISPLAY KC-17 BOARD

KC-17 BOARD (1-627-096-11)
Component Side

S/N; 10001 AND HIGHER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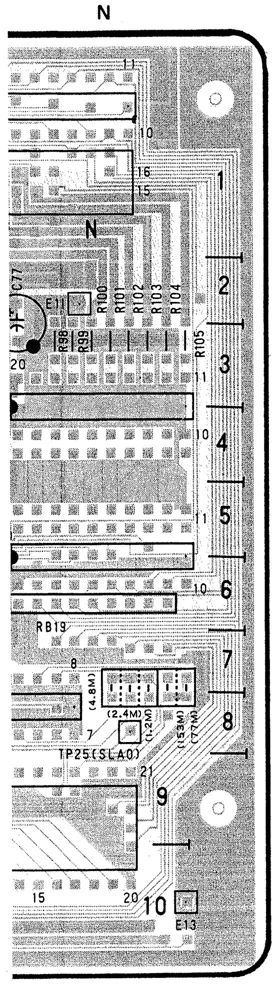
9
10
CN301
CN302
CN303
CN304
CN305
CN306
CN307
CN308(GND)
RESET SW1
X1 8.0MHZ
KC-17 1-627-096-11
SONY MADE IN JAPAN
LOT NO.
DIP

▨ SOLDER SIDE PATTERN

Applied Serial No. 10001 and higher	
Jumpers that have been ·ut.	C1 -×- C2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16
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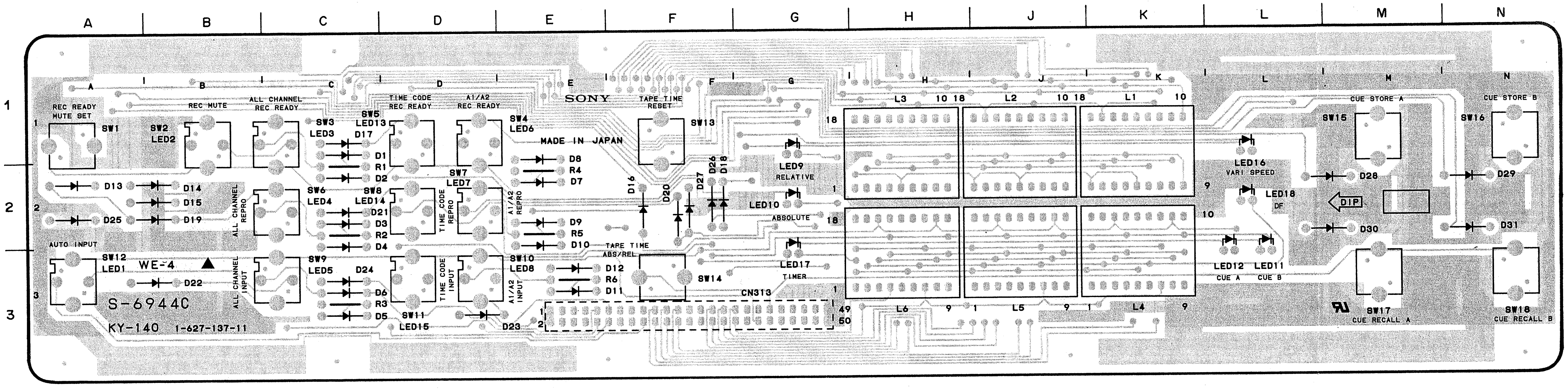
11
10
8
7
21
15
20
C77
E11
R98
R99
R100
R101
R102
R103
R104
R105
RB19
(4.8M)
(2.4M)
TP25(SLAO)
E13

al No. 10001 and higher	
t have	C1 -x- C2

CN301	A-2
CN302	C-1
CN303	F-1
CN304	H-1
CN305	L-1
CN306	N-1
CN307	F-10
CN308	A-1
D1	A-6
E1	D-5
E2	A-7
E3	D-1
E4	E-10
E5	F-3
E6	H-7
E7	J-7
E8	K-1
E9	K-9
E10	L-5
E11	N-2
E12	N-7
E13	N-10
IC101	C-1
IC102	C-1
IC103	D-1
IC104	D-1
IC105	D-1
IC106	D-2
IC107	D-3
IC108	D-3
IC109	G-1
IC110	G-1
IC111	K-2
IC112	K-3
PH1	H-1
PH2	H-1
PH3	J-1
PH4	J-1
PH5	J-1
PH6	K-1
PH7	K-1
Q1	D-5
Q2	D-5
Q3	E-2
Q4	E-3
Q5	E-5
Q6	E-5
Q7	E-5
Q8	E-5
Q9	E-5
Q10	E-5
Q11	E-5
Q12	E-5
Q13	E-5
Q14	E-5
Q15	F-6
Q16	F-6
Q17	F-6
Q18	F-6
Q19	G-6
Q20	G-6
Q21	H-6
Q22	H-6
Q23	J-7
Q24	J-8
Q25	J-8
Q26	J-9
Q27	K-8
Q28	K-9
Q29	K-8
Q30	K-9
Q31	M-3
Q32	M-4
Q33	M-3
Q34	M-4
Q35	M-3
Q36	M-4
Q37	M-3
Q38	M-4
RB1	B-7
RB2	C-7
RB3	B-9
RB4	C-9
RB5	D-2
RB6	F-6
RB7	G-3
RB8	G-5
RB9	H-1
RB10	J-3
RB11	K-3
RB12	K-3
RB13	K-5
RB14	K-7
RB15	L-1
RB16	L-1
RB17	M-5
RB18	M-8
RB19	N-6
SW1	A-6
TPI	A-1
TP2	A-3
TP3	A-3
TP4	A-7
TP5	C-6
TP6	C-5
TP7	D-5
TP8	D-5
TP9	D-5
TP10	E-7
TP11	F-2
TP12	F-2
TP13	G-5
TP14	H-6
TP15	H-6
TP16	H-7
TP17	J-7
TP18	J-7
TP19	J-6
TP20	K-7
TP21	L-9
TP22	M-5
TP23	M-6
TP24	N-6
TP25	N-8
X1	A-9

KY-140 BOARD (1-627-137-11)
Component Side

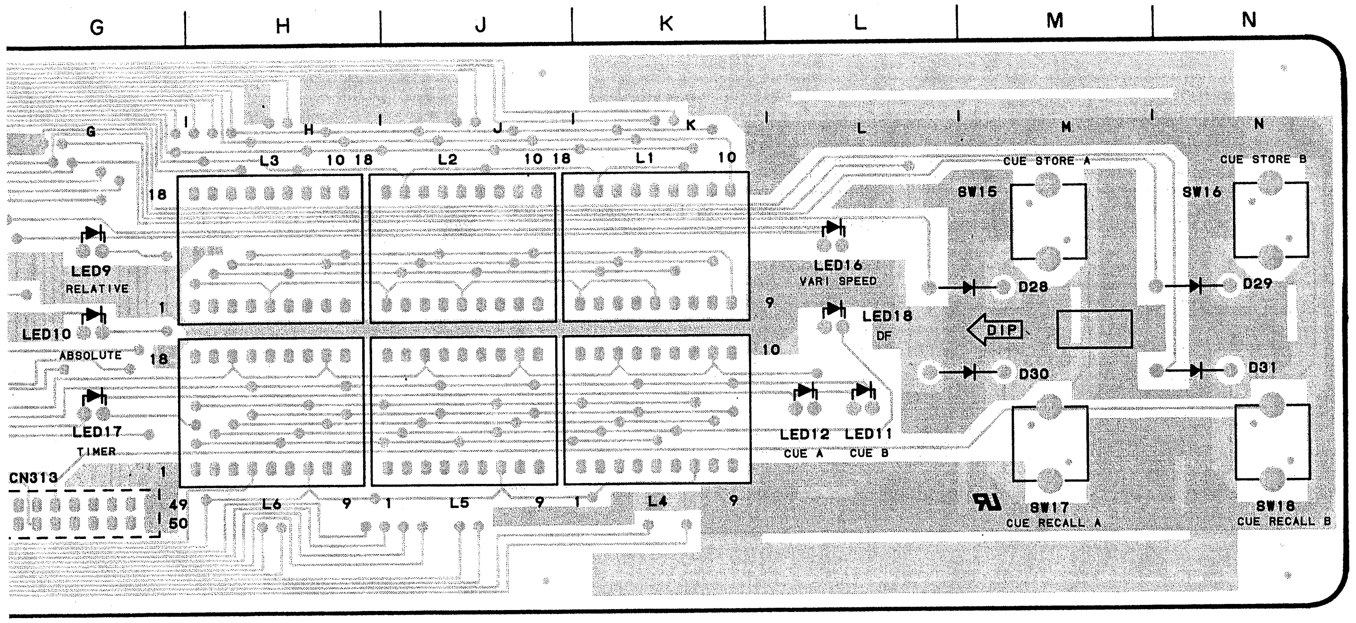

A
B
C
D
E
F
G
H
J
K
L
M
N
1
2
3
SONY
MADE IN JAPAN
REC READY MUTE SET
REC MUTE
ALL CHANNEL REC READY
TIME CODE REC READY
A1/A2 REC READY
TAPE TIME RESET
ALL CHANNEL REPRO
TIME CODE REPRO
A1/A2 REPRO
AUTO INPUT
ALL CHANNEL INPUT
TIME CODE INPUT
A1/A2 INPUT
TAPE TIME ABS/REL
RELATIVE
ABSOLUTE
TIMER
VARI SPEED
DF
CUE STORE A
CUE STORE B
CUE RECALL A
CUE RECALL B
CUE A
CUE B
DIP
WE-4
S-6944C
KY-140 1-627-137-11
CN313
SW1
SW2
SW3
SW4
SW5
SW6
SW7
SW8
SW9
SW10
SW11
SW12
SW13
SW14
SW15
SW16
SW17
SW18
LED1
LED2
LED3
LED4
LED5
LED6
LED7
LED8
LED9
LED10
LED11
LED12
LED13
LED14
LED15
LED16
LED17
LED18
L1
L2
L3
L4
L5
L6
R1
R2
R3
R4
R5
R6
D1
D2
D3
D4
D5
D6
D7
D8
D9
D10
D11
D12
D13
D14
D15
D16
D17
D18
D19
D20
D21
D22
D23
D24
D25
D26
D27
D28
D29
D30
D31

■ SOLDER SIDE PATTERN

D1
D2
D3
D4
D5
D6
D7
D8
D9
D10
D11
D12
D13
D14
D15
D16
D17
D18
D19
D20
D21
D22
D23
D24
D25
D26
D27
D28
D29
D30
D31

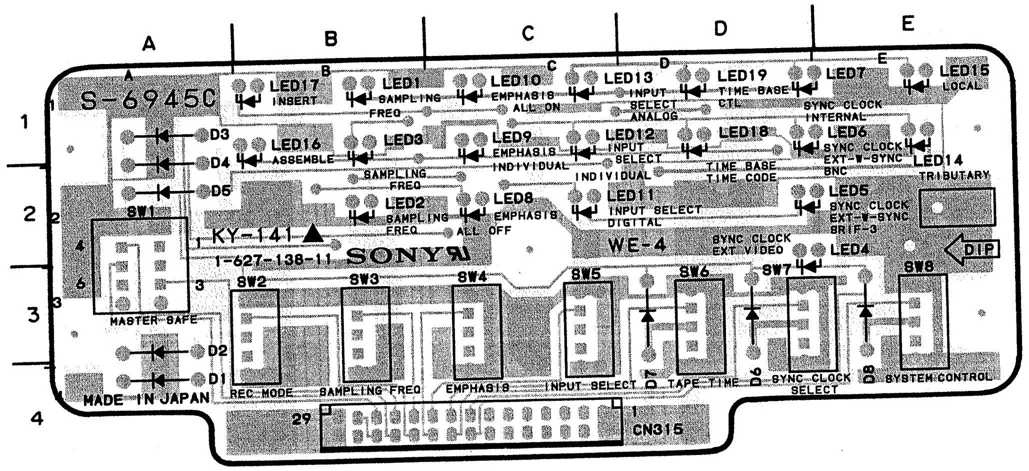
LED1
LED2
LED3
LED4
LED5
LED6
LED7
LED8
LED9
LED10
LED11
LED12
LED13
LED14
LED15
LED16
LED17
LED18

SW1
SW2
SW3
SW4
SW5
SW6
SW7
SW8
SW9
SW10
SW11
SW12
SW13
SW14
SW15
SW16
SW17
SW18


G
H
J
K
L
M
N
LED9
RELATIVE
LED10
ABSOLUTE
LED17
TIMER
CN313
L3
L2
L1
L6
L5
L4
LED16
VARI SPEED
LED18
DF
LED12
CUE A
LED11
CUE B
SW15
CUE STORE A
SW16
CUE STORE B
D28
D29
D30
D31
DIP
SW17
CUE RECALL A
SW18
CUE RECALL B

D1	C-1
D2	C-2
D3	C-2
D4	C-2
D5	C-3
D6	C-3
D7	E-2
D8	E-2
D9	E-2
D10	E-2
D11	E-3
D12	E-3
D13	A-2
D14	B-2
D15	B-2
D16	F-2
D17	C-1
D18	F-2
D19	B-2
D20	F-2
D21	C-2
D22	B-3
D23	D-3
D24	C-3
D25	A-2
D26	F-2
D27	F-2
D28	M-2
D29	N-2
D30	M-2
D31	N-2
LED1	A-3
LED2	B-1
LED3	C-1
LED4	C-2
LED5	C-3
LED6	D-1
LED7	D-2
LED8	D-3
LED9	G-1
LED10	G-2
LED11	L-2
LED12	L-2
LED13	D-1
LED14	D-2
LED15	D-3
LED16	L-1
LED17	G-2
LED18	L-2
SW1	A-1
SW2	B-1
SW3	C-1
SW4	D-1
SW5	D-1
SW6	C-2
SW7	D-2
SW8	D-2
SW9	C-3
SW10	D-3
SW11	D-3
SW12	A-3
SW13	F-1
SW14	F-3
SW15	M-1
SW16	N-1
SW17	M-3
SW18	N-3

KY-141 BOARD (1-627-138-11)
Component Side

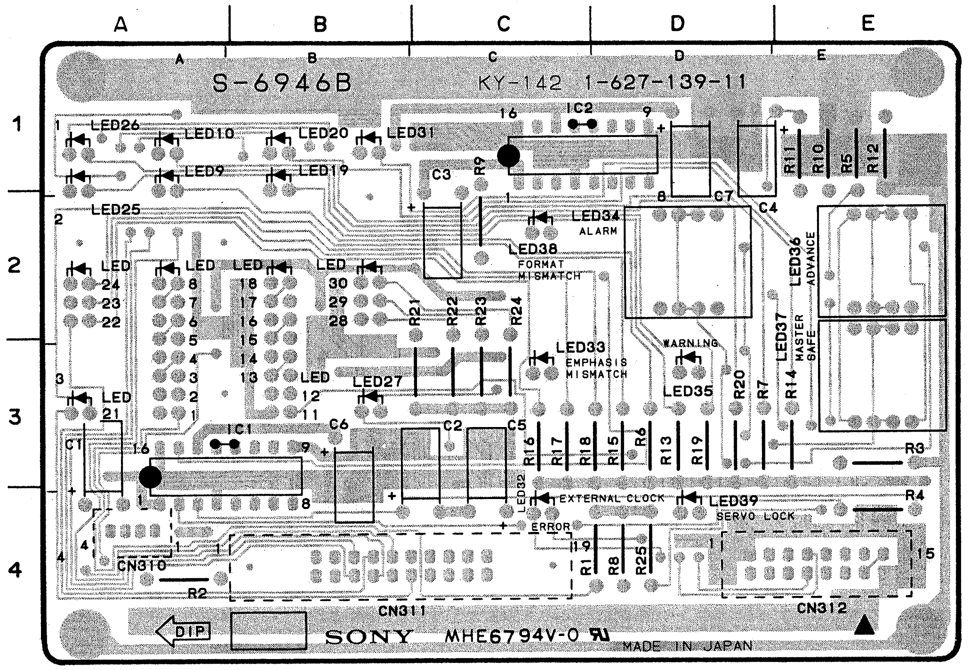

A
B
C
D
E
1
2
3
4
S-6945C
LED17
INSERT
LED1
SAMPLING FREQ
LED10
EMPHASIS ALL ON
LED13
INPUT SELECT ANALOG
LED19
TIME BASE CTL
LED7
SYNC CLOCK INTERNAL
LED15
LOCAL
D3
D4
D5
LED16
ASSEMBLE
LED3
SAMPLING FREQ
LED9
EMPHASIS INDIVIDUAL
LED12
INPUT SELECT INDIVIDUAL
LED18
TIME BASE TIME CODE
LED6
SYNC CLOCK EXT-W-SYNC BNC
LED14
TRIBUTARY
SW1
LED2
SAMPLING FREQ
LED8
EMPHASIS ALL OFF
LED11
INPUT SELECT DIGITAL
LED5
SYNC CLOCK EXT-W-SYNC BRIF-3
KY-141
1-627-138-11
SONY
WE-4
SYNC CLOCK EXT VIDEO
LED4
DIP
MASTER SAFE
SW2
SW3
SW4
SW5
SW6
SW7
SW8
D2
D1
D7
D6
D8
REC MODE
SAMPLING FREQ
EMPHASIS
INPUT SELECT
TAPE TIME
SYNC CLOCK SELECT
SYSTEM CONTROL
MADE IN JAPAN
29
1
CN315

▨ SOLDER SIDE PATTERN

CN315	C-4
D1	A-4
D2	A-3
D3	A-1
D4	A-2
D5	A-2
D6	D-3
D7	D-3
D8	E-3
LED1	B-1
LED2	B-2
LED3	B-1
LED4	D-3
LED5	D-2
LED6	D-1
LED7	D-1
LED8	C-2
LED9	C-1
LED10	C-1
LED11	C-2
LED12	C-1
LED13	C-1
LED14	E-1
LED15	E-1
LED16	B-1
LED17	B-1
LED18	D-1
LED19	D-1
SW1	A-2
SW2	B-3
SW3	B-3
SW4	C-3
SW5	C-3
SW6	D-3
SW7	D-3
SW8	E-3

KY-142 BOARD (1-627-139-11)
Component Side

S/N; 10001 AND HIGHER


A
B
C
D
E
1
2
3
4
S-6946B
KY-142 1-627-139-11
IC1
IC2
CN310
CN311
CN312
ALARM
FORMAT MISMATCH
EMPHASIS MISMATCH
WARNING
ADVANCE
MASTER SAFE
EXTERNAL CLOCK
SERVO LOCK
ERROR
DIP
SONY
MHE6794V-0
MADE IN JAPAN

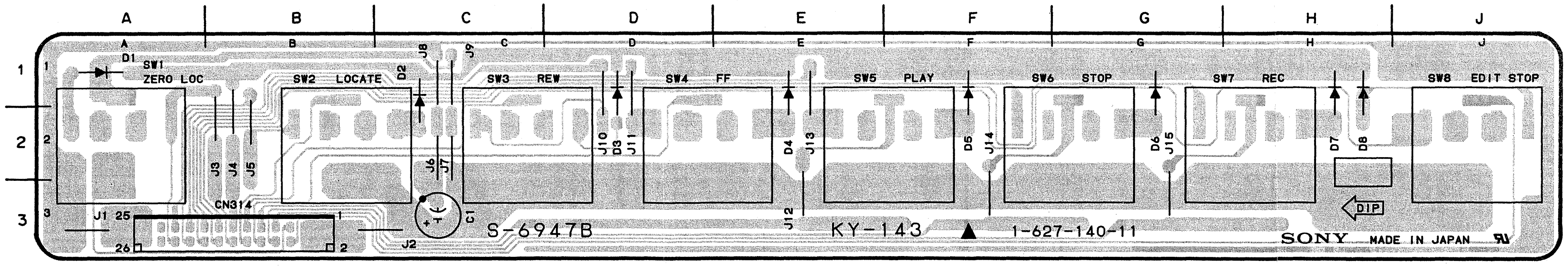
■ SOLDER SIDE PATTERN

Applied Serial No. Up to 10300	
Jumpers that have been soldered.	IC1-12 — IC1-13 IC2-12 — IC2-13

CN310	A-4
CN311	B-4
CN312	E-4
IC1	A-3
IC2	C-1
LED1	A-3
LED2	A-3
LED3	A-3
LED4	A-3
LED5	A-2
LED6	A-2
LED7	A-2
LED8	A-2
LED9	A-1
LED10	A-1
LED11	B-3
LED12	B-3
LED13	B-3
LED14	B-3
LED15	B-2
LED16	B-2
LED17	B-2
LED18	B-2
LED19	B-1
LED20	B-1
LED21	A-3
LED22	A-2
LED23	A-2
LED24	A-2
LED25	A-1
LED26	A-1
LED27	B-3
LED28	B-2
LED29	B-2
LED30	B-2
LED31	B-1
LED32	C-4
LED33	C-3
LED34	D-2
LED35	D-3
LED36	E-2
LED37	E-3
LED38	C-2
LED39	D-4

KY-143 BOARD (1-627-140-11) S/N; 10001 TO 11400

Component Side

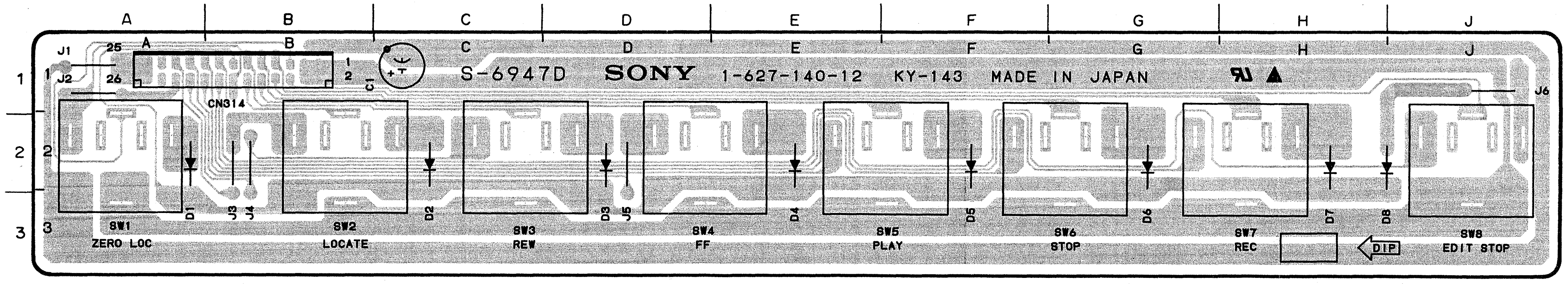

A
B
C
D
E
F
G
H
J
1
2
3
D1
SW1 ZERO LOC
SW2 LOCATE
SW3 REW
SW4 FF
SW5 PLAY
SW6 STOP
SW7 REC
SW8 EDIT STOP
D2
D3
D4
D5
D6
D7
D8
J1
J2
J3
J4
J5
J6
J7
J8
J9
J10
J11
J12
J13
J14
J15
C1
CN314
25
26
1
2
S-6947B
KY-143
1-627-140-11
SONY MADE IN JAPAN
DIP

▨ SOLDER SIDE PATTERN

CN314	B-3
D1	A-1
D2	C-1
D3	D-1
D4	E-1
D5	F-1
D6	G-1
D7	H-1
D8	H-1
SW1	A-2
SW2	B-2
SW3	C-2
SW4	D-2
SW5	F-2
SW6	G-2
SW7	H-2
SW8	J-2

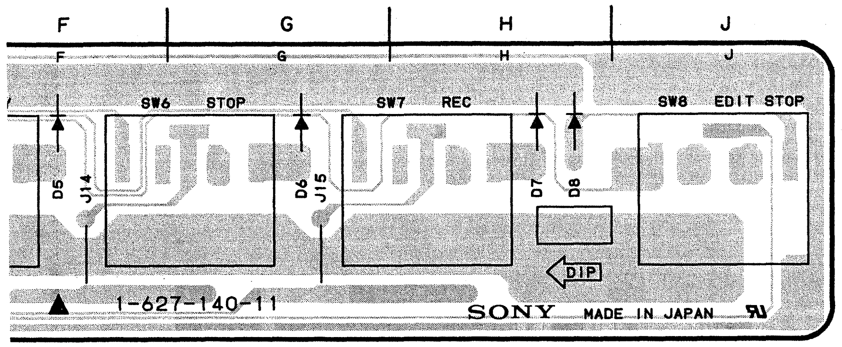
KY-143 BOARD (1-627-140-12) S/N; 11401 AND HIGHER

Component Side

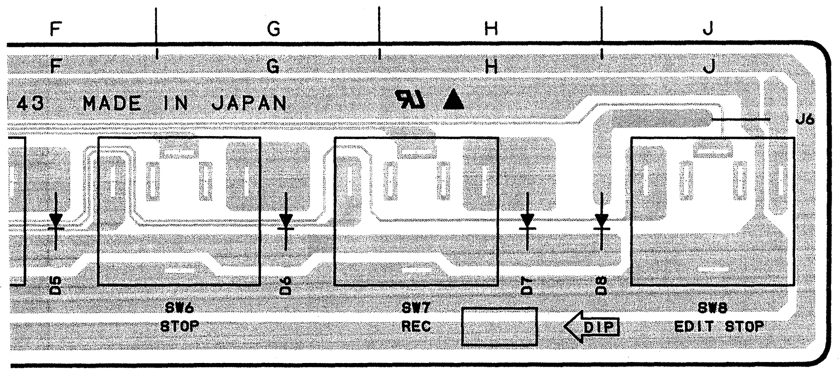

A
B
C
D
E
F
G
H
J
1
2
3
J1
J2
25
26
1
2
C1
CN314
S-6947D
SONY
1-627-140-12
KY-143
MADE IN JAPAN
J6
D1
D2
D3
D4
D5
D6
D7
D8
J3
J4
J5
SW1 ZERO LOC
SW2 LOCATE
SW3 REW
SW4 FF
SW5 PLAY
SW6 STOP
SW7 REC
SW8 EDIT STOP
DIP

▨ SOLDER SIDE PATTERN

CN314	B-1
D1	A-2
D2	C-2
D3	D-2
D4	E-2
D5	F-2
D6	G-2
D7	H-2
D8	H-2
SW1	A-2
SW2	B-2
SW3	C-2
SW4	D-2
SW5	F-2
SW6	G-2
SW7	H-2
SW8	J-2

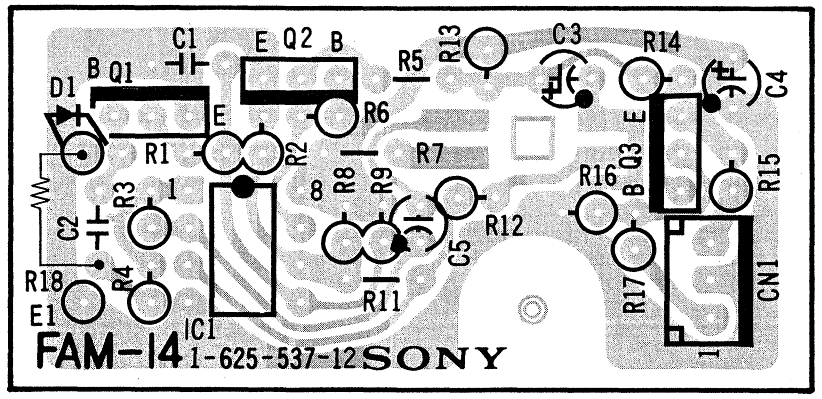

F
G
H
J
SW6 STOP
SW7 REC
SW8 EDIT STOP
D5
J14
D6
J15
D7
D8
DIP
1-627-140-11
SONY
MADE IN JAPAN

CN314	B-3
D1	A-1
D2	C-1
D3	D-1
D4	E-1
D5	F-1
D6	G-1
D7	H-1
D8	H-1
SW1	A-2
SW2	B-2
SW3	C-2
SW4	D-2
SW5	F-2
SW6	G-2
SW7	H-2
SW8	J-2


F
G
H
J
43 MADE IN JAPAN
J6
D5
D6
D7
D8
SW6 STOP
SW7 REC
DIP
SW8 EDIT STOP

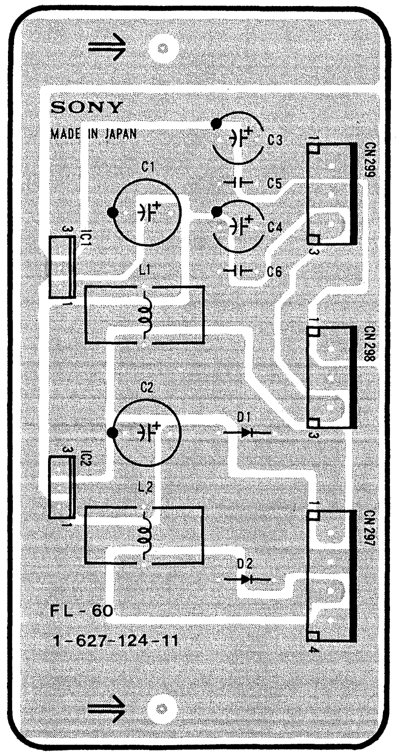
CN314	B-1
D1	A-2
D2	C-2
D3	D-2
D4	E-2
D5	F-2
D6	G-2
D7	H-2
D8	H-2
SW1	A-2
SW2	B-2
SW3	C-2
SW4	D-2
SW5	F-2
SW6	G-2
SW7	H-2
SW8	J-2

FAM-14 BOARD (1-625-537-12)
Solder Side


C1
E
Q2
B
R5
R13
C3
R14
C4
B
Q1
D1
R6
E
R1
R2
R7
E
Q3
R16
B
R15
R3
1
8
R8
R9
C2
C5
R12
R18
R4
R11
R17
CN1
E1
IC1
FAM-14
1-625-537-12
SONY
1

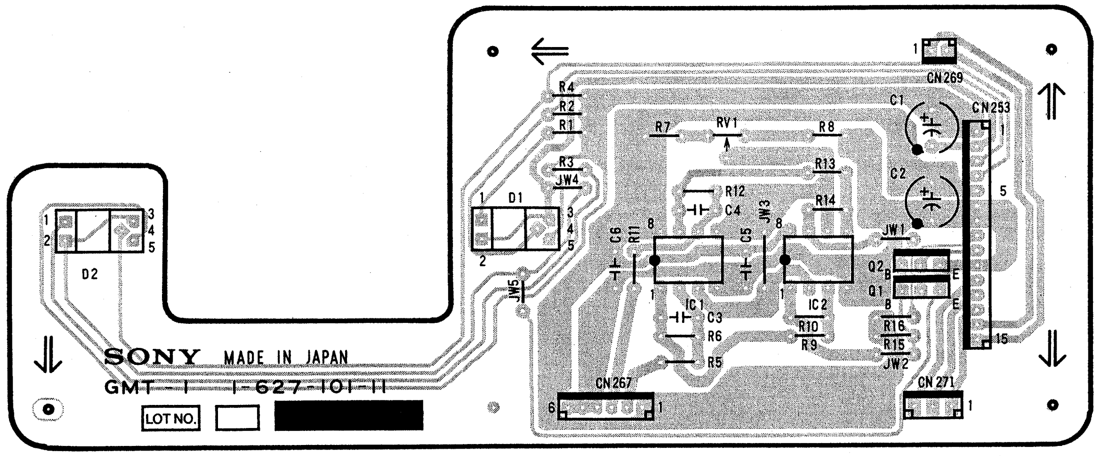
■ SOLDER SIDE PATTERN

FL-60 BOARD (1-627-124-11)
Component Side


SONY
MADE IN JAPAN
C1
C3
C5
C4
C6
IC1
L1
CN299
CN298
C2
D1
IC2
L2
D2
CN297
FL-60
1-627-124-11

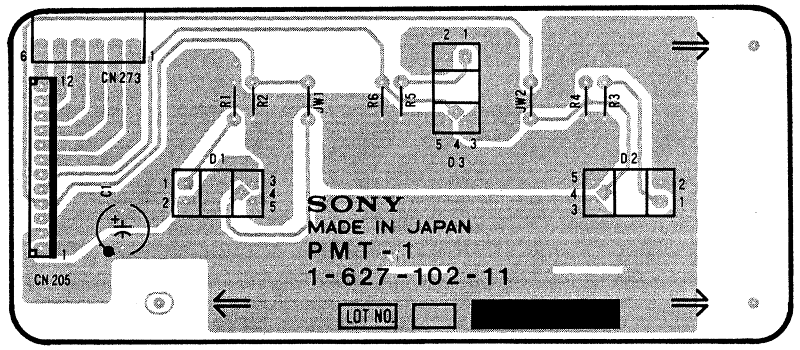
■ SOLDER SIDE PATTERN

GMT-1 BOARD (1-627-101-11)
Component Side

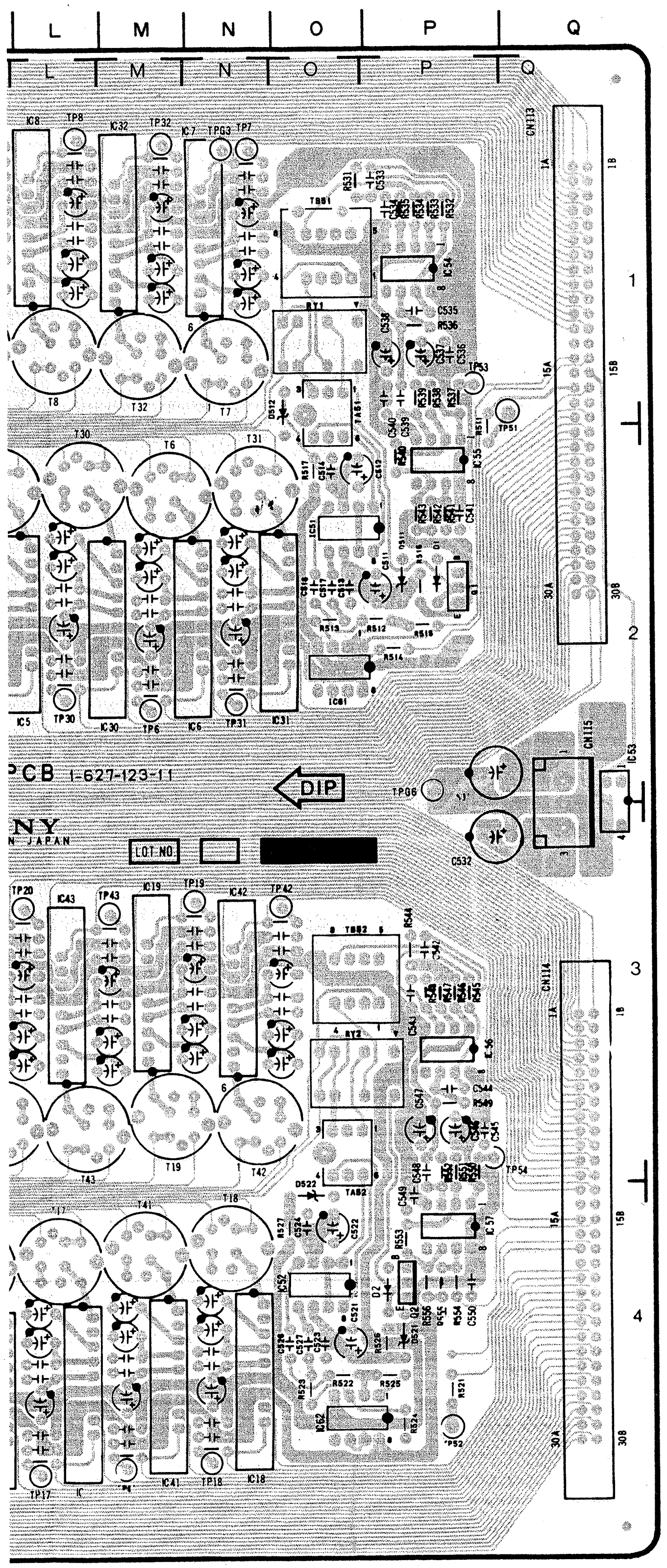

SONY MADE IN JAPAN
GMT-1 1-627-101-11
LOT NO.
D1
D2
CN269
CN253
CN267
CN271
C1
C2
C3
C4
C5
C6
R1
R2
R3
R4
R5
R6
R7
R8
R9
R10
R11
R12
R13
R14
R15
R16
RV1
JW1
JW2
JW3
JW4
JW5
IC1
IC2
Q1
Q2

▨ SOLDER SIDE PATTERN

PMT-1 BOARD (1-627-102-11)
Component Side

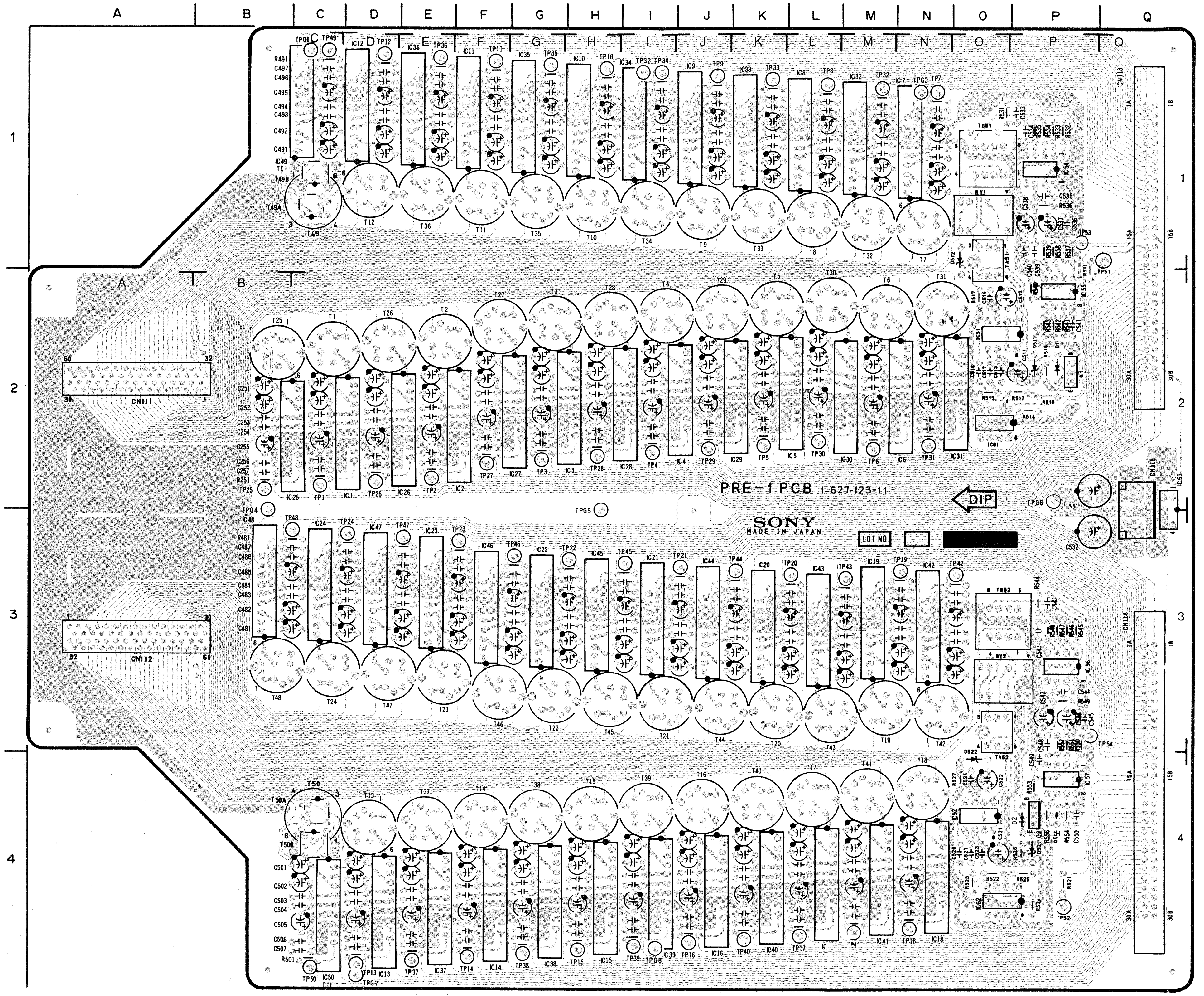

SONY
MADE IN JAPAN
PMT-1
1-627-102-11
LOT NO.
CN273
CN205
C1
D1
D2
D3
R1
R2
R3
R4
R5
R6
JW1
JW2

▨ SOLDER SIDE PATTERN



CN111	A-2
CN112	A-3
CN113	Q-1
CN114	Q-3
CN115	Q-2
D1	P-2
D2	P-4
D511	P-2
D512	O-1
D521	P-4
D522	O-4
IC1	C-2
IC2	E-2
IC3	G-2
IC4	I-2
IC5	K-2
IC6	M-2
IC7	N-1
IC8	L-1
IC9	G-1
IC10	H-1
IC11	F-1
IC12	D-1
IC13	D-4
IC14	F-4
IC15	H-4
IC16	J-4
IC17	L-4
IC18	N-4
IC19	M-3
IC20	K-3
IC21	I-3
IC22	G-3
IC23	E-3
IC24	C-3
IC25	B-2
IC26	D-2
IC27	F-2
IC28	H-2
IC29	J-2
IC30	L-2
IC31	N-2
IC32	M-1
IC33	K-1
IC34	I-1
IC35	G-1
IC36	E-1
IC37	E-4
IC38	G-4
IC39	I-4
IC40	K-4
IC41	M-4
IC42	N-3
IC43	L-3
IC44	J-3
IC45	H-3
IC46	F-3
IC47	D-3
IC48	B-3
IC49	C-1
IC50	C-4
IC51	O-2
IC52	O-4
IC53	Q-2
IC54	P-1
IC55	P-2
IC56	P-3
IC57	P-4
IC61	O-2
IC62	O-4
Q1	P-2
Q2	P-4
RY1	O-1
RY2	O-3
T1	C-2
T2	E-2
T3	G-2
T4	I-2
T5	K-2
T6	M-2
T7	N-1
T8	L-1
T9	G-1
T10	H-1
T11	F-1
T12	D-1
T13	D-4
T14	F-4
T15	H-4
T16	J-4
T17	L-4
T18	N-4
T19	M-3
T20	K-3
T21	I-3
T22	G-3
T23	E-3
T24	C-3
T25	B-2
T26	D-2
T27	F-2
T28	H-2
T29	J-2
T30	L-3
T31	N-2
T32	M-1
T33	K-1
T34	I-1
T35	G-1
T36	E-1
T37	E-4
T38	G-4
T39	I-4
T40	K-4
T41	M-4
T42	N-3
T43	L-3
T44	J-3
T45	H-3
T46	F-3
T47	D-3
T48	B-3
T49	C-1
T50	C-4
TA51	O-1
TA52	O-3
TB51	O-1
TB52	O-3
TP1	C-2
TP2	E-2
TP3	G-2
TP4	I-2
TP5	K-2
TP6	M02
TP7	N-1
TP8	L-1
TP9	G-1
TP10	H-1
TP11	F-1
TP12	D-1
TP13	D-4
TP14	F-4
TP15	H-4
TP16	J-4
TP17	L-4
TP18	N-4
TP19	M-3
TP20	K-3
TP21	I-3
TP22	G-3
TP23	E-3
TP24	C-3
TP25	B-2
TP26	D-2
TP27	F-2
TP28	H-2
TP29	J-2
TP30	L-2
TP31	N-2
TP32	M-1
TP33	K-1
TP34	I-1
TP35	G-1
TP36	E-1
TP37	E-4
TP38	G-4
TP39	I-4
TP40	K-4
TP41	M-4
TP42	N-3
TP43	L-3
TP44	J-3
TP45	H-3
TP46	F-3
TP47	D-3
TP48	B-3
TP49	C-1
TP50	C-4
TP51	Q-1
TP52	P-4
TP53	P-1
TP54	P-3
TPG1	C-1
TPG2	I-1
TPG3	N-1
TPG4	B-2
TPG5	H-2
TPG6	P-2
TPG7	D-4
TPG8	I-4

PRE-1 BOARD (1-627-123-11)
Component Side



▦ SOLDER SIDE PATTERN

CN111	A-2
CN112	A-3
CN113	Q-1
CN114	Q-3
CN115	Q-2
D1	P-2
D2	P-4
D511	P-2
D512	O-1
D521	P-4
D522	O-4
IC1	C-2
IC2	E-2
IC3	G-2
IC4	I-2
IC5	K-2
IC6	M-2
IC7	N-1
IC8	L-1
IC9	G-1
IC10	H-1
IC11	F-1
IC12	D-1
IC13	D-4
IC14	F-4
IC15	H-4
IC16	J-4
IC17	L-4
IC18	N-4
IC19	M-3
IC20	K-3
IC21	I-3
IC22	G-3
IC23	E-3
IC24	C-3
IC25	B-2
IC26	D-2
IC27	F-2
IC28	H-2
IC29	J-2
IC30	L-2
IC31	N-2
IC32	M-1
IC33	K-1
IC34	I-1
IC35	G-1
IC36	E-1
IC37	E-4
IC38	G-4
IC39	I-4
IC40	K-4
IC41	M-4
IC42	N-3
IC43	L-3
IC44	J-3
IC45	H-3
IC46	F-3
IC47	D-3
IC48	B-3
IC49	C-1
IC50	C-4
IC51	O-2
IC52	O-4
IC53	Q-2
IC54	P-1
IC55	P-2
IC56	P-3
IC57	P-4
IC61	O-2
IC62	O-4
Q1	P-2
Q2	P-4
RY1	O-1
RY2	O-3
T1	C-2
T2	E-2
T3	G-2
T4	I-2
T5	K-2
T6	M-2
T7	N-1
T8	L-1
T9	G-1
T10	H-1
T11	F-1
T12	D-1
T13	D-4
T14	F-4
T15	H-4
T16	J-4
T17	L-4
T18	N-4
T19	M-3
T20	K-3
T21	I-3
T22	G-3
T23	E-3
T24	C-3
T25	B-2
T26	D-2
T27	F-2
T28	H-2
T29	J-2
T30	L-3
T31	N-2
T32	M-1
T33	K-1
T34	I-1
T35	G-1
T36	E-1
T37	E-4
T38	G-4
T39	I-4
T40	K-4
T41	M-4
T42	N-3
T43	L-3
T44	J-3
T45	H-3
T46	F-3
T47	D-3
T48	B-3
T49	C-1
T50	C-4
TA51	O-1
TA52	O-3
TB51	O-1
TB52	O-3
TP1	C-2
TP2	E-2
TP3	G-2
TP4	I-2
TP5	K-2
TP6	M02
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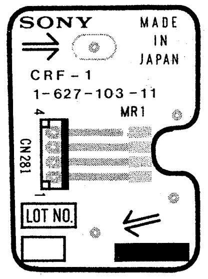
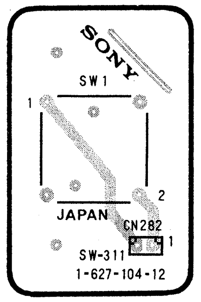
TP8	L-1
TP9	G-1
TP10	H-1
TP11	F-1
TP12	D-1
TP13	D-4
TP14	F-4
TP15	H-4
TP16	J-4
TP17	L-4
TP18	N-4
TP19	M-3
TP20	K-3
TP21	I-3
TP22	G-3
TP23	E-3
TP24	C-3
TP25	B-2
TP26	D-2
TP27	F-2
TP28	H-2
TP29	J-2
TP30	L-2
TP31	N-2
TP32	M-1
TP33	K-1
TP34	I-1
TP35	G-1
TP36	E-1
TP37	E-4
TP38	G-4
TP39	I-4
TP40	K-4
TP41	M-4
TP42	N-3
TP43	L-3
TP44	J-3
TP45	H-3
TP46	F-3
TP47	D-3
TP48	B-3
TP49	C-1
TP50	C-4
TP51	Q-1
TP52	P-4
TP53	P-1
TP54	P-3
TPG1	C-1
TPG2	I-1
TPG3	N-1
TPG4	B-2
TPG5	H-2
TPG6	P-2
TPG7	D-4
TPG8	I-4

CRF-1 BOARD (1-627-103-11)
Component Side


SONY
MADE IN JAPAN
CRF-1
1-627-103-11
MR1
CN281
LOT NO.

▨ SOLDER SIDE PATTERN

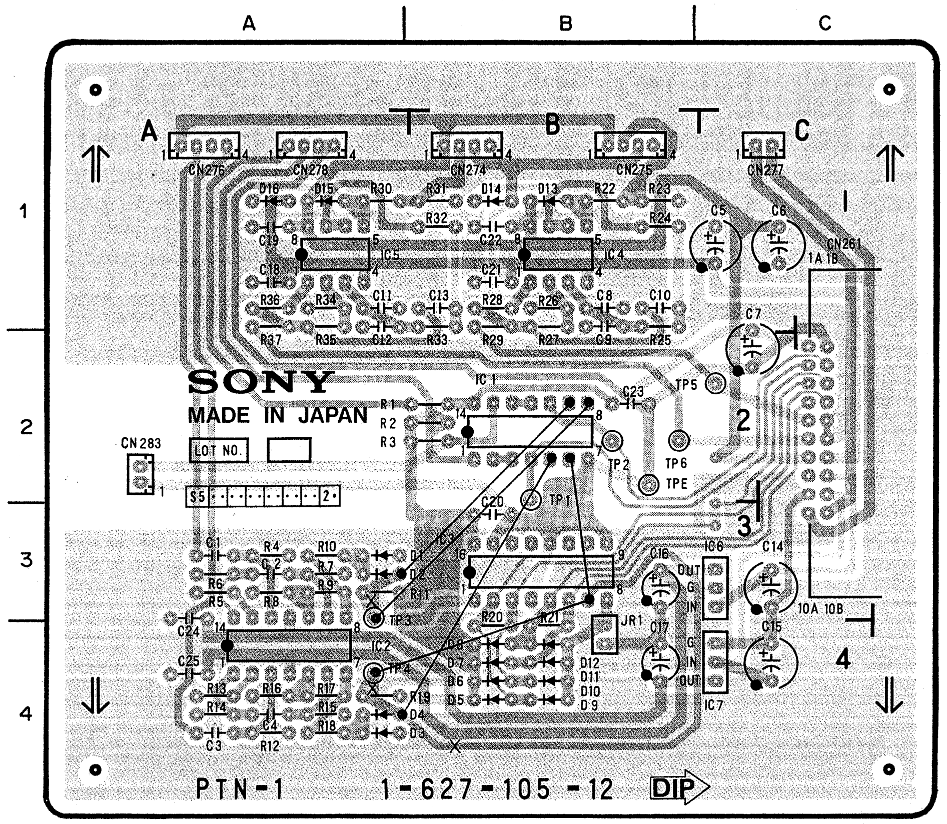
SW-311 BOARD (1-627-104-12)
Component Side


SONY
SW1
1
2
JAPAN
CN282
SW-311
1-627-104-12

▨ SOLDER SIDE PATTERN

PTN-1 BOARD (1-627-105-12)
Component Side

S/N; 10001 TO 10600

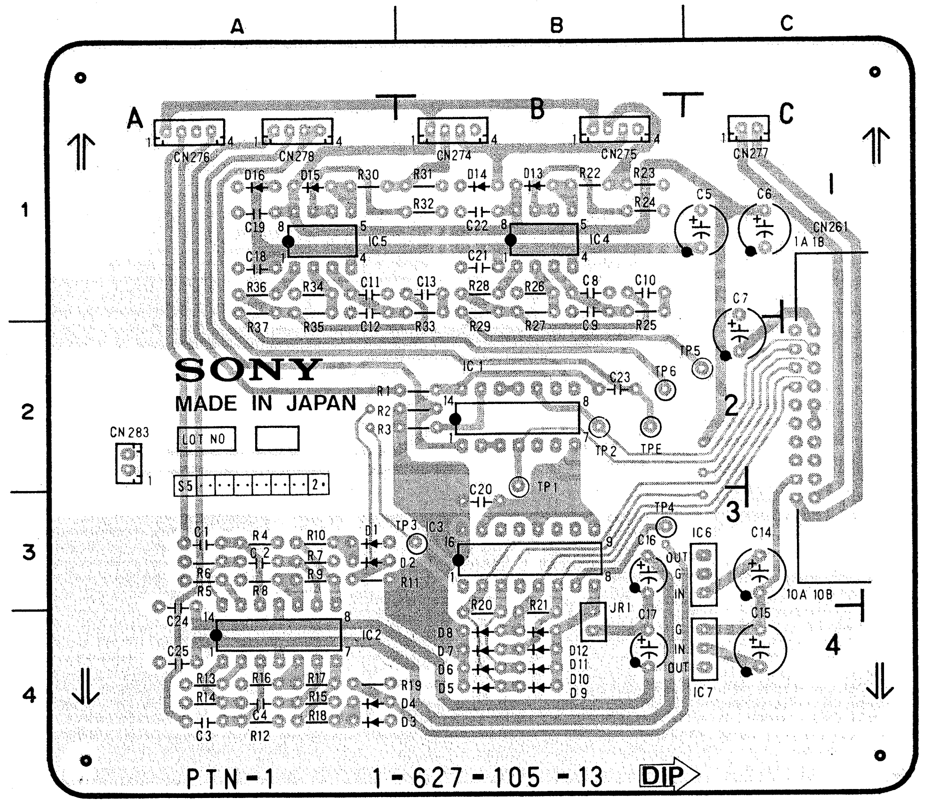

A
B
C
1
2
3
4
CN276
CN278
CN274
CN275
CN277
CN261
CN283
IC1
IC2
IC3
IC4
IC5
IC6
IC7
TP1
TP2
TP3
TP4
TP5
TP6
TPE
JR1
S5
SONY
MADE IN JAPAN
LOT NO.
PTN-1
1-627-105-12
DIP

▨ SOLDER SIDE PATTERN

CN261	C-1
CN274	B-1
CN275	B-1
CN276	A-1
CN277	C-1
CN278	A-1
CN283	A-2
D1	A-3
D2	A-3
D3	A-4
D4	A-4
D5	B-4
D6	B-4
D7	B-4
D8	B-4
D9	B-4
D10	B-4
D11	B-4
D12	B-4
D13	B-1
D14	B-1
D15	A-1
D16	A-1
IC1	B-2
IC2	A-4
IC3	B-3
IC4	B-1
IC5	A-1
IC6	C-3
IC7	C-4
TP1	B-3
TP2	B-2
TP3	A-3
TP4	A-4
TP5	C-2
TP6	B-2
TPE	B-2

Applied Serial No. 10101 to 10600	
Jumpers that have been soldered or cut.	TP3 -×- R11 TP4 -×- R19 D4 ANODE -×- IC3-7 IC1-5 — D4-ANODE IC1-6 — IC3-7 IC1-9 — D2-ANODE IC3-7 — TP4 TP3 — IC1-8

PTN-1 BOARD (1-627-105-13) S/N; 10601 AND HIGHER
Component Side

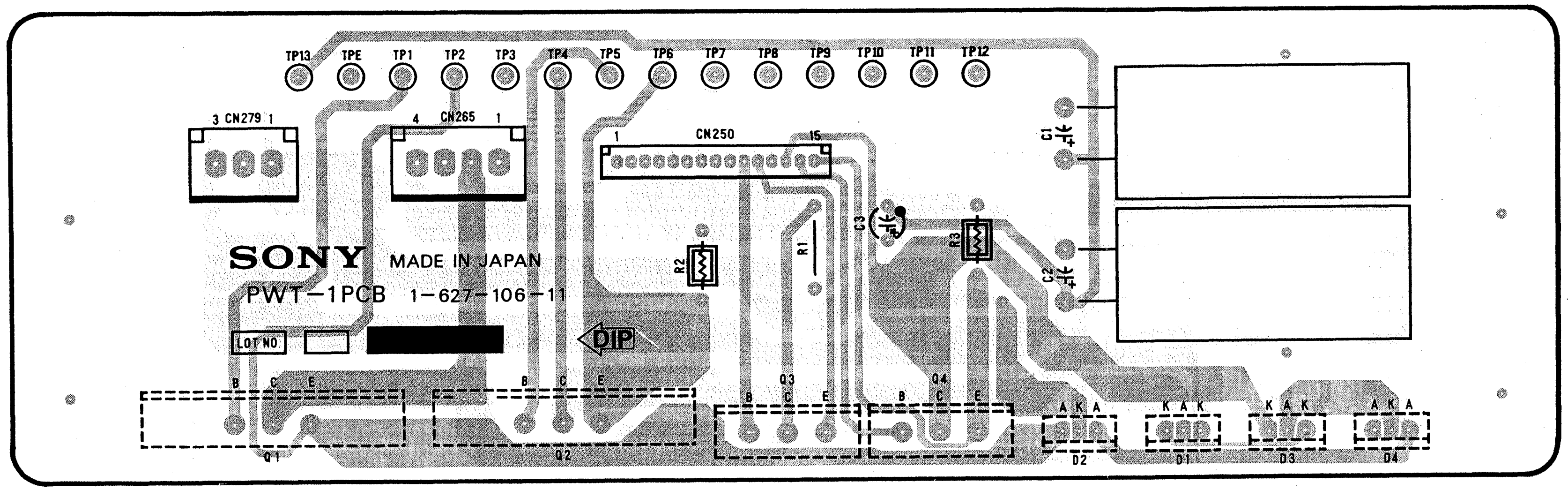

A
B
C
1
2
3
4
CN276
CN278
CN274
CN275
CN277
CN261
CN283
IC1
IC2
IC3
IC4
IC5
IC6
IC7
TP1
TP2
TP3
TP4
TP5
TP6
TPE
JR1
SONY
MADE IN JAPAN
LOT NO
PTN-1
1-627-105-13
DIP

■ SOLDER SIDE PATTERN

CN261	C-1
CN274	B-1
CN275	B-1
CN276	A-1
CN277	C-1
CN278	A-1
CN283	A-2
D1	A-3
D2	A-3
D3	A-4
D4	A-4
D5	B-4
D6	B-4
D7	B-4
D8	B-4
D9	B-4
D10	B-4
D11	B-4
D12	B-4
D13	B-1
D14	B-1
D15	A-1
D16	A-1
IC1	B-2
IC2	A-4
IC3	B-3
IC4	B-1
IC5	A-1
IC6	C-3
IC7	C-4
TP1	B-3
TP2	B-2
TP3	A-3
TP4	A-4
TP5	C-2
TP6	B-2
TPE	B-2

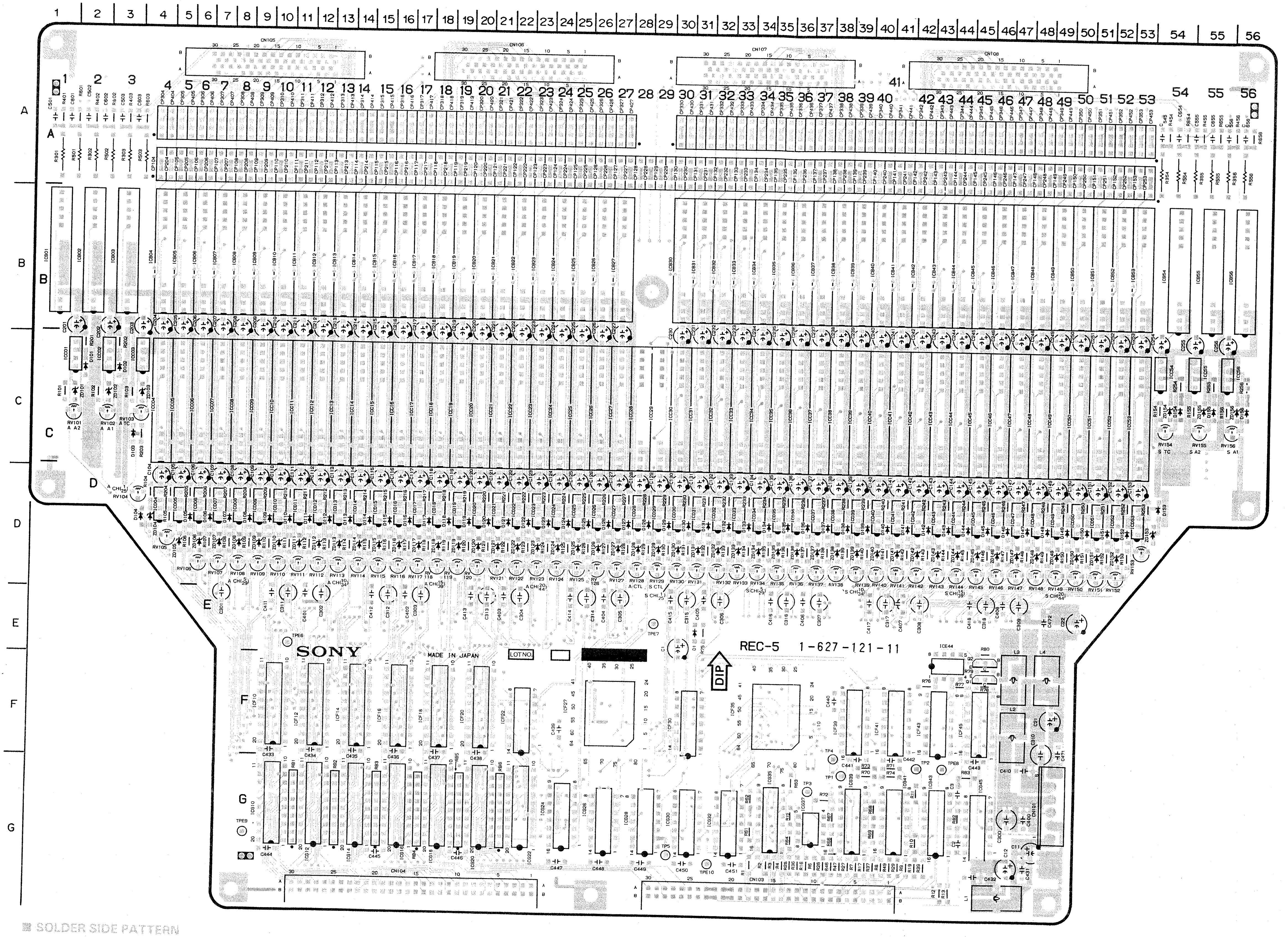
PWT-1 BOARD (1-627-106-11)

Component Side


TP13
TPE
TP1
TP2
TP3
TP4
TP5
TP6
TP7
TP8
TP9
TP10
TP11
TP12
3 CN279 1
4 CN265 1
1 CN250 15
C1
C2
C3
R1
R2
R3
SONY MADE IN JAPAN
PWT-1PCB 1-627-106-11
LOT NO
DIP
B C E
Q1
B C E
Q2
Q3
B C E
Q4
B C E
A K A
D2
K A K
D1
K A K
D3
A K A
D4

■ SOLDER SIDE PATTERN

REC-5 BOARD (1-627-121-11)
Component Side



▨ SOLDER SIDE PATTERN

CN103	G-34
CN104	G-16
CN105	A-9
CN106	A-22
CN107	A-34
CN108	A-46
CP104	A-4
CP105	A-5
CP106	A-6
CP107	A-7
CP108	A-8
CP109	A-9
CP110	A-10
CP111	A-11
CP112	A-12
CP113	A-13
CP114	A-14
CP115	A-15
CP116	A-16
CP117	A-17
CP118	A-18
CP119	A-19
CP120	A-20
CP121	A-21
CP122	A-22
CP123	A-23
CP124	A-24
CP125	A-25
CP126	A-26
CP127	A-27
CP128	A-28
CP129	A-29
CP130	A-30
CP131	A-31
CP132	A-32
CP133	A-33
CP134	A-34
CP135	A-35
CP136	A-36
CP137	A-37
CP138	A-38
CP139	A-39
CP140	A-40
CP141	A-41
CP142	A-42
CP143	A-43
CP144	A-44
CP145	A-45
CP146	A-46
CP147	A-47
CP148	A-48
CP149	A-49
CP150	A-50
CP151	A-51
CP152	A-52
CP153	A-53
CP204	A-4
CP205	A-5
CP206	A-6
CP207	A-7
CP208	A-8
CP209	A-9
CP210	A-10
CP211	A-11
CP212	A-12
CP213	A-13
CP214	A-14
CP215	A-15
CP216	A-16
CP217	A-17
CP218	A-18
CP219	A-19
CP220	A-20
CP221	A-21
CP222	A-22
CP223	A-23
CP224	A-24
CP225	A-25
CP226	A-26
CP227	A-27
CP228	A-28
CP229	A-29
CP230	A-30
CP231	A-31
CP232	A-32
CP234	A-34
CP235	A-35
CP236	A-36
CP237	A-37
CP238	A-38
CP239	A-39
CP240	A-40
CP241	A-41
CP242	A-42
CP243	A-43
CP244	A-44
CP245	A-45
CP246	A-46
CP247	A-47
CP248	A-48
CP249	A-49
CP250	A-50
CP251	A-51
CP252	A-52
CP253	A-53
CP304	A-4
CP305	A-5
CP306	A-6
CP307	A-7
CP308	A-8
CP309	A-9
CP310	A-10
CP311	A-11
CP312	A-12
CP313	A-13
CP314	A-14
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CP323	A-23
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CP325	A-25
CP326	A-26
CP327	A-27
CP328	A-28
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CP330	A-30
CP331	A-31
CP332	A-32
CP333	A-33
CP334	A-34
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CP336	A-36
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CP340	A-40
CP341	A-41
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CP343	A-43
CP344	A-44
CP345	A-45
CP346	A-46
CP347	A-47
CP348	A-48
CP349	A-49
CP350	A-50
CP351	A-51
CP352	A-52
CP353	A-53
CP404	A-4
CP405	A-5
CP406	A-6
CP407	A-7
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CP409	A-9
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CP412	A-12
CP413	A-13
CP414	A-14
CP415	A-15
CP416	A-16
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CP419	A-18
CP420	A-20
CP421	A-21
CP422	A-22
CP423	A-23
CP424	A-24
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CP426	A-26
CP427	A-27
CP428	A-28
CP429	A-29
CP430	A-30
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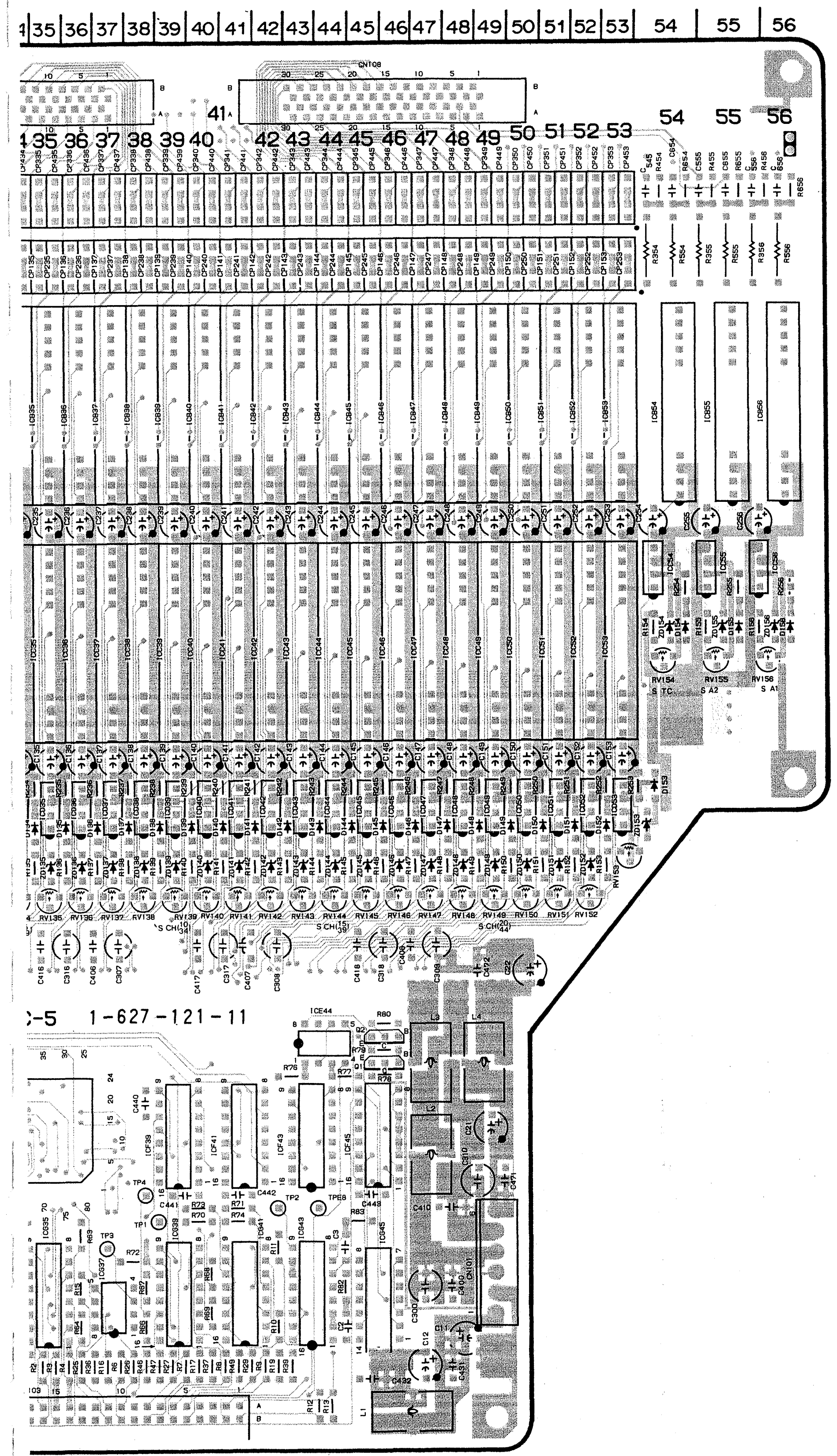
CP436	A-36
CP437	A-37
CP438	A-38
CP439	A-39
CP440	A-40
CP441	A-41
CP442	A-42
CP443	A-43
CP444	A-44
CP445	A-45
CP446	A-46
CP447	A-47
CP448	A-48
CP449	A-49
CP450	A-50
CP451	A-51
CP452	A-52
CP453	A-53
D1	E-31
D101	C-2
D102	C-3
D103	C-3



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CN104	G-16
CN105	A-9
CN106	A-22
CN107	A-34
CN108	A-46
CP104	A-4
CP105	A-5
CP106	A-6
CP107	A-7
CP108	A-8
CP109	A-9
CP110	A-10
CP111	A-11
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CP113	A-13
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CP115	A-15
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CP453	A-53
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D102	C-3
D103	C-3
D104	D-3
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D111	D-11
D112	D-12
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D114	D-14
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ICC52	C-52
ICC53	C-53
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ICC55	C-55
ICC56	C-56
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ICD05	D-5
ICD06	D-6
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ICD23	D-23
ICD24	D-24
ICD25	D-25
ICD26	D-26
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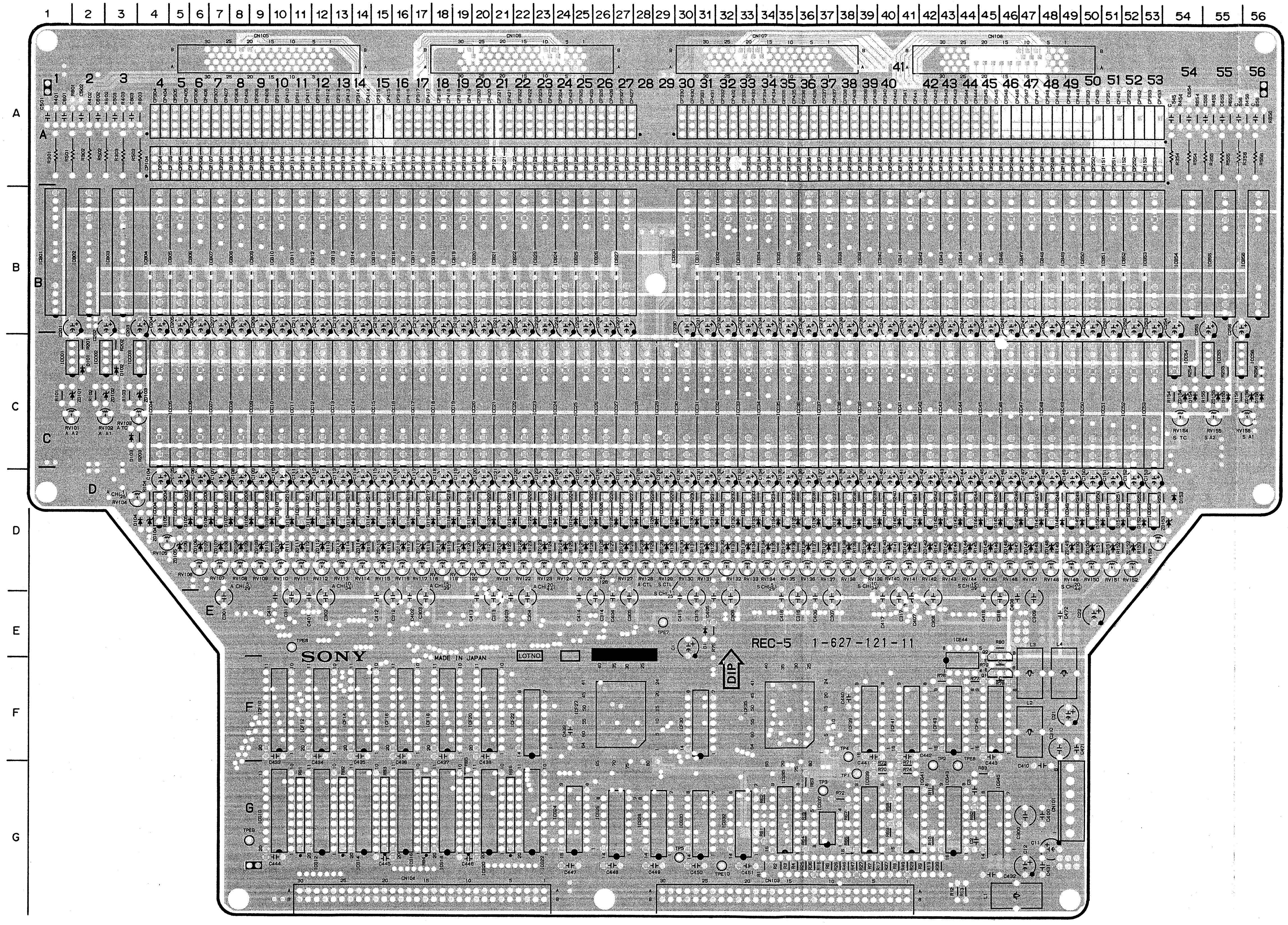
REC-5 BOARD (1-627-121-11)
Component Side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TPE10

■ INTERNAL SOLDER SIDE PATTERN

OTHERS

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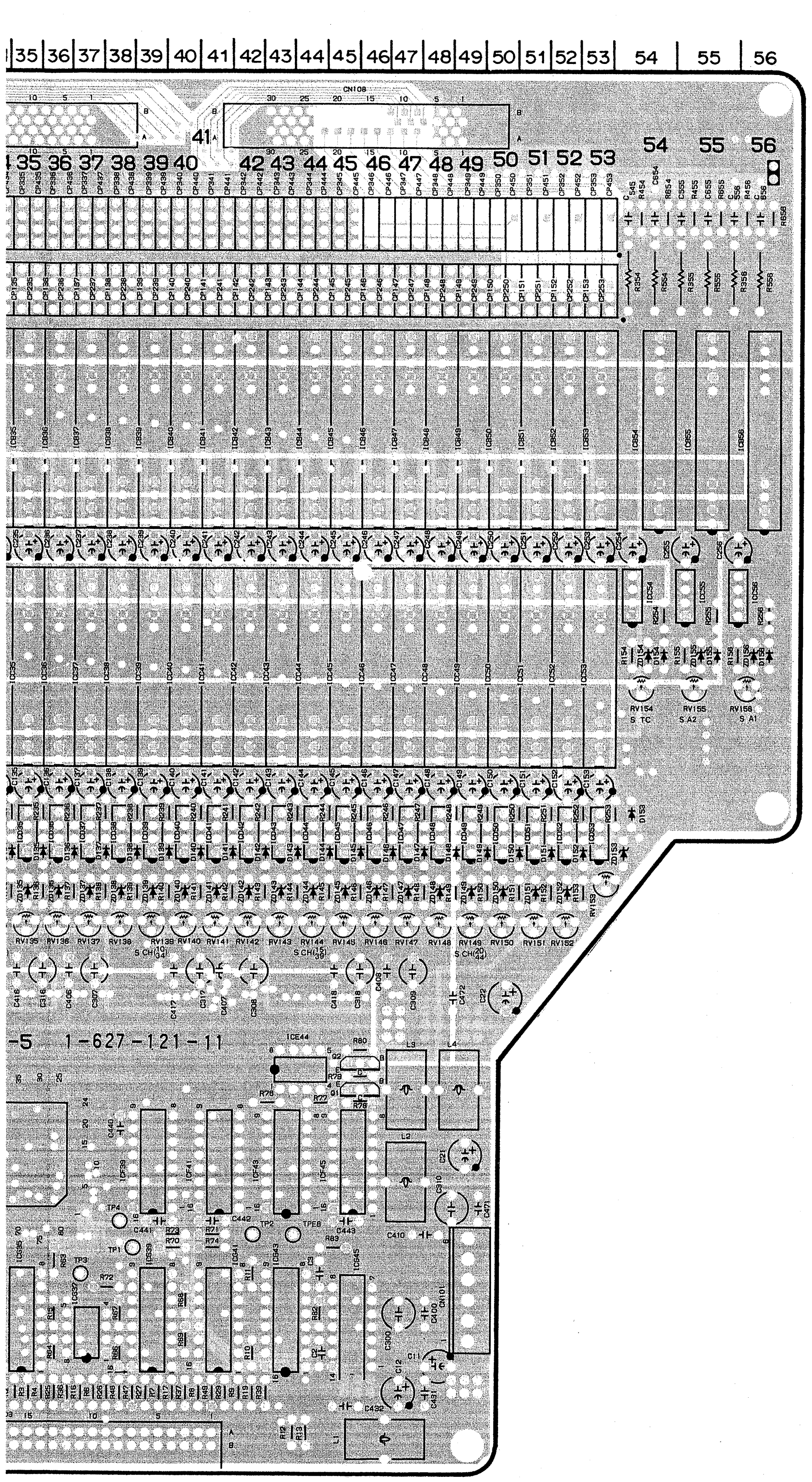

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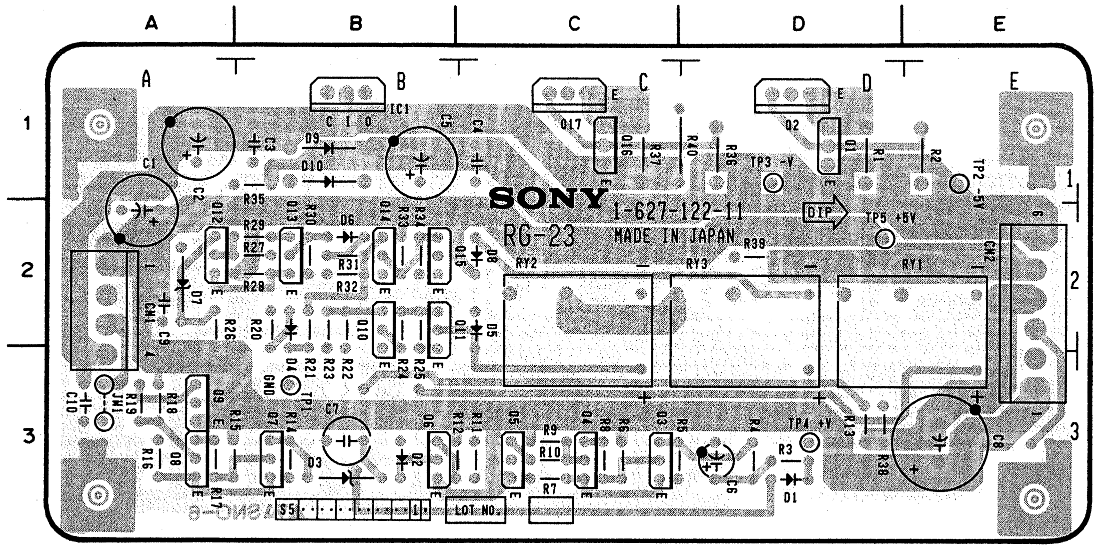
ZD114	D-14
ZD115	D-15
ZD116	D-16
ZD117	D-17
ZD118	D-18
ZD119	D-19
ZD120	D-20
ZD121	D-21
ZD122	D-22
ZD123	D-23
ZD124	D-24
ZD125	D-25
ZD126	D-26
ZD127	D-27
ZD128	D-28
ZD129	D-29
ZD130	D-30
ZD131	D-31
ZD132	D-32
ZD133	D-33
ZD134	D-34
ZD135	D-35
ZD136	D-36
ZD137	D-37
ZD138	D-38
ZD139	D-39
ZD140	D-40
ZD141	D-41
ZD142	D-42
ZD143	D-43
ZD144	D-44
ZD145	D-45
ZD146	D-46
ZD147	D-47
ZD148	D-48
ZD149	D-49
ZD150	D-50
ZD151	D-51
ZD152	D-52
ZD153	D-53
ZD154	C-54
ZD155	C-55
ZD156	C-56

RG-23 BOARD (1-627-122-11)

Component Side

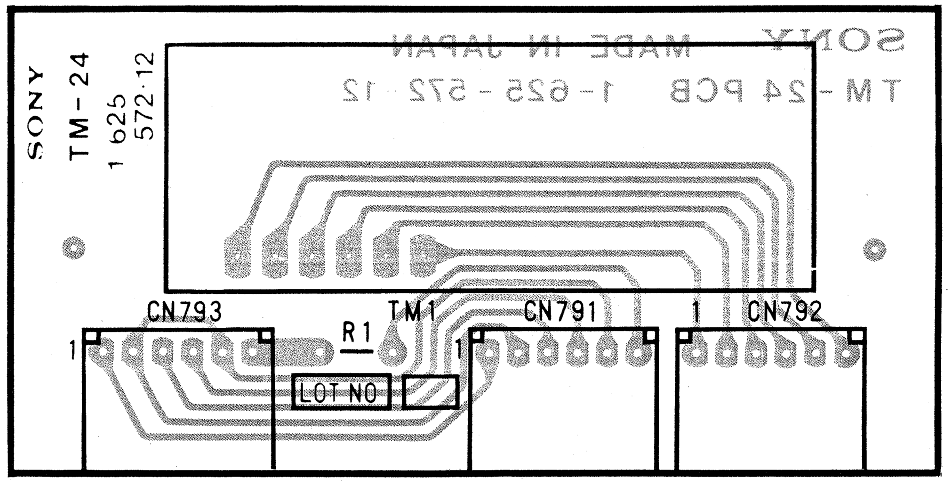

A
B
C
D
E
1
2
3
SONY
1-627-122-11
RG-23
MADE IN JAPAN
IC1
RY1
RY2
RY3
CN1
CN2
TP1
TP2 -5V
TP3 -V
TP4 +V
TP5 +5V
DTP
LOT NO.

■ SOLDER SIDE PATTERN

CN1	A-2
CN2	E-2
D1	D-3
D2	B-3
D3	B-3
D4	B-2
D5	C-2
D6	B-2
D7	A-2
D8	C-2
D9	B-1
D10	B-1
IC1	B-1
Q1	D-1
Q2	D-1
Q3	C-3
Q4	C-3
Q5	C-3
Q6	B-3
Q7	B-3
Q8	A-3
Q9	A-3
Q10	B-2
Q11	B-2
Q12	A-2
Q13	B-2
Q14	B-2
Q15	B-2
Q16	C-1
Q17	C-1
RY1	E-2
RY2	C-2
RY3	D-2
TP1	B-3
TP2	E-1
TP3	D-1
TP4	D-3
TP5	D-2

TM-24 BOARD (1-625-572-12)

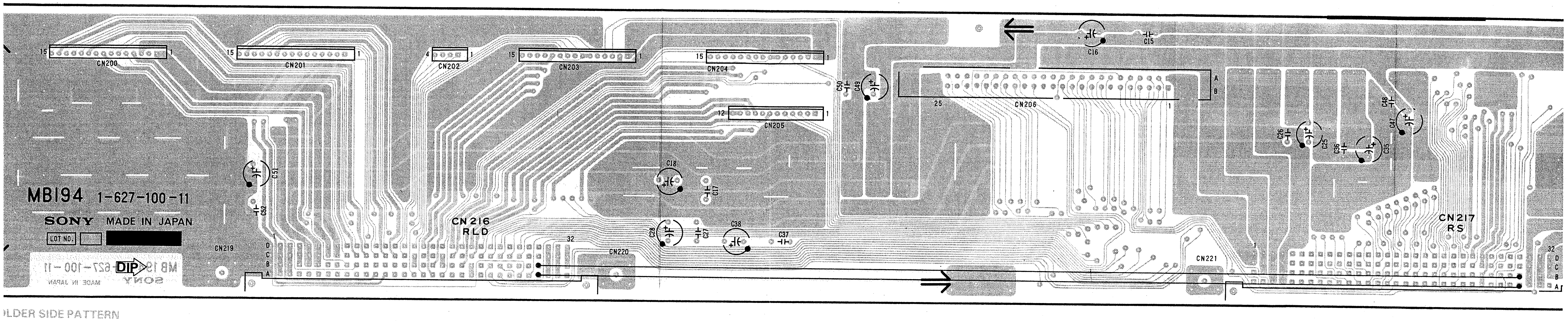
Solder Side


SONY
TM-24
1 625
572 12
SONY MADE IN JAPAN
TM-24 PCB 1-625-572 12
CN793
R1
TM1
CN791
CN792
1
LOT NO

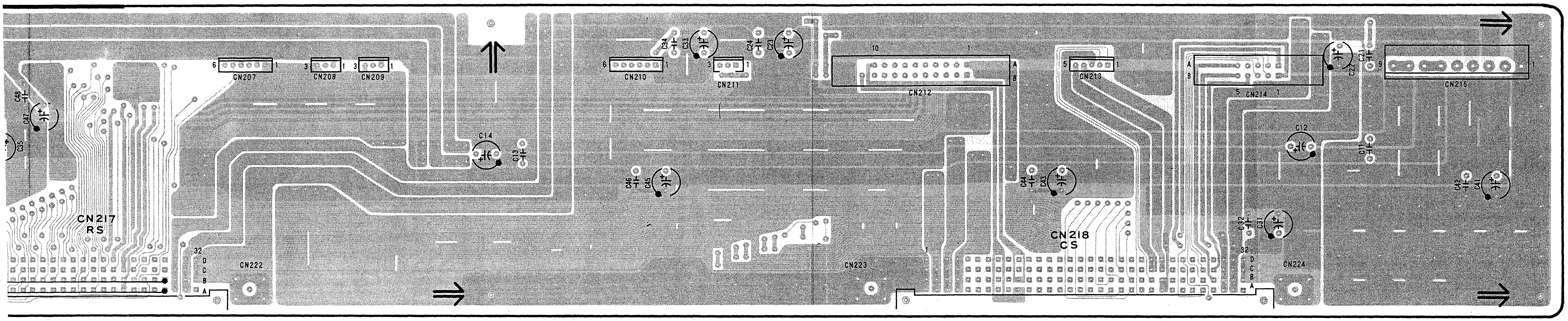
■ SOLDER SIDE PATTERN

MB-194 BOARD (1-627-100-11)
Component Side

S/N: 10001 TO 10100

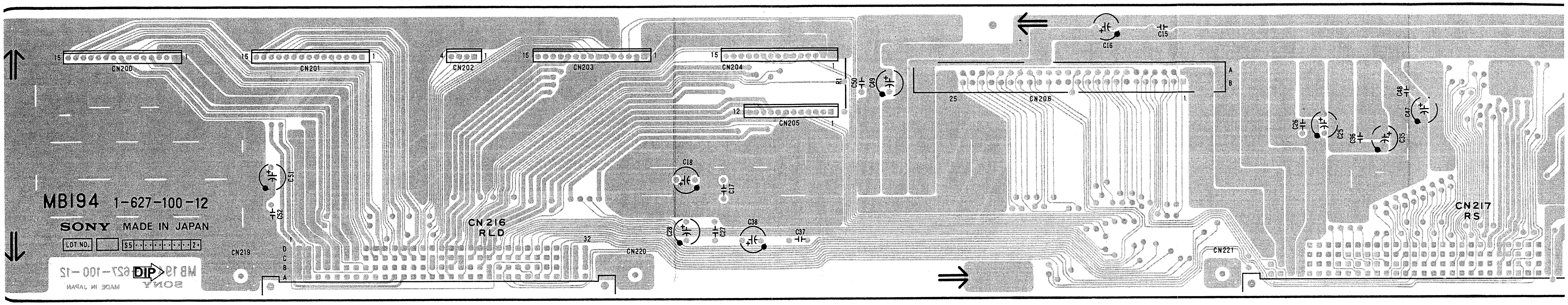

15
CN200
1
15
CN201
1
4
CN202
1
15
CN203
1
15
CN204
1
12
CN205
1
C50
C49
C16
C15
A
B
25
CN206
1
C48
C47
C26
C25
C36
C35
C51
C52
C18
C17
C28
C27
C38
C37
MB194 1-627-100-11
SONY MADE IN JAPAN
LOT NO.
CN216
RLD
CN219
1
D
C
B
A
32
CN220
CN221
CN217
RS
32
D
C
B
A

LDER SIDE PATTERN

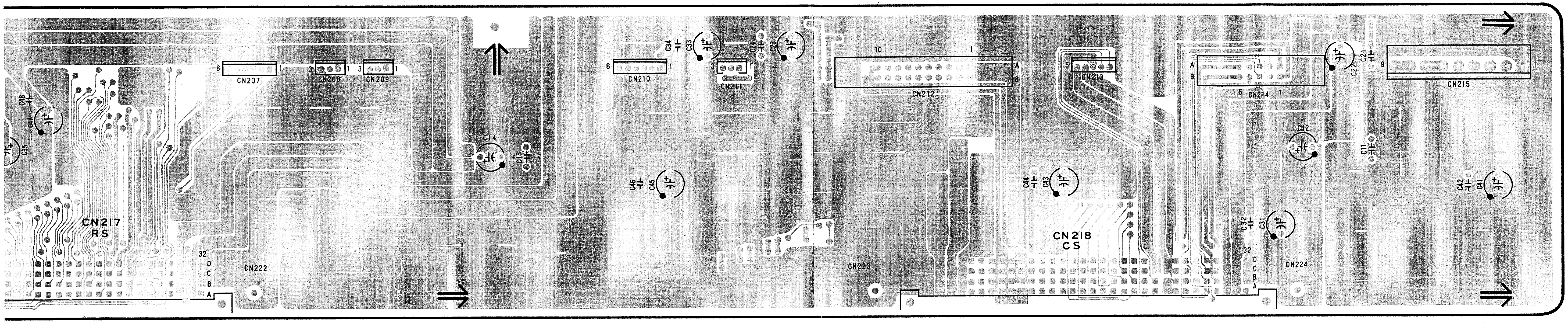

CN207
CN208
CN209
CN210
CN211
CN212
CN213
CN214
CN215
CN217
RS
CN218
CS
CN222
CN223
CN224
C11
C12
C13
C14
C21
C22
C23
C24
C31
C32
C33
C34
C35
C41
C42
C43
C44
C45
C46
C47
C48
32
D
C
B
A

Applied Serial No. Up to 10100	
Jumpers that have been soldered.	CN216-29A — CN217-29A CN216-29B — CN217-29B

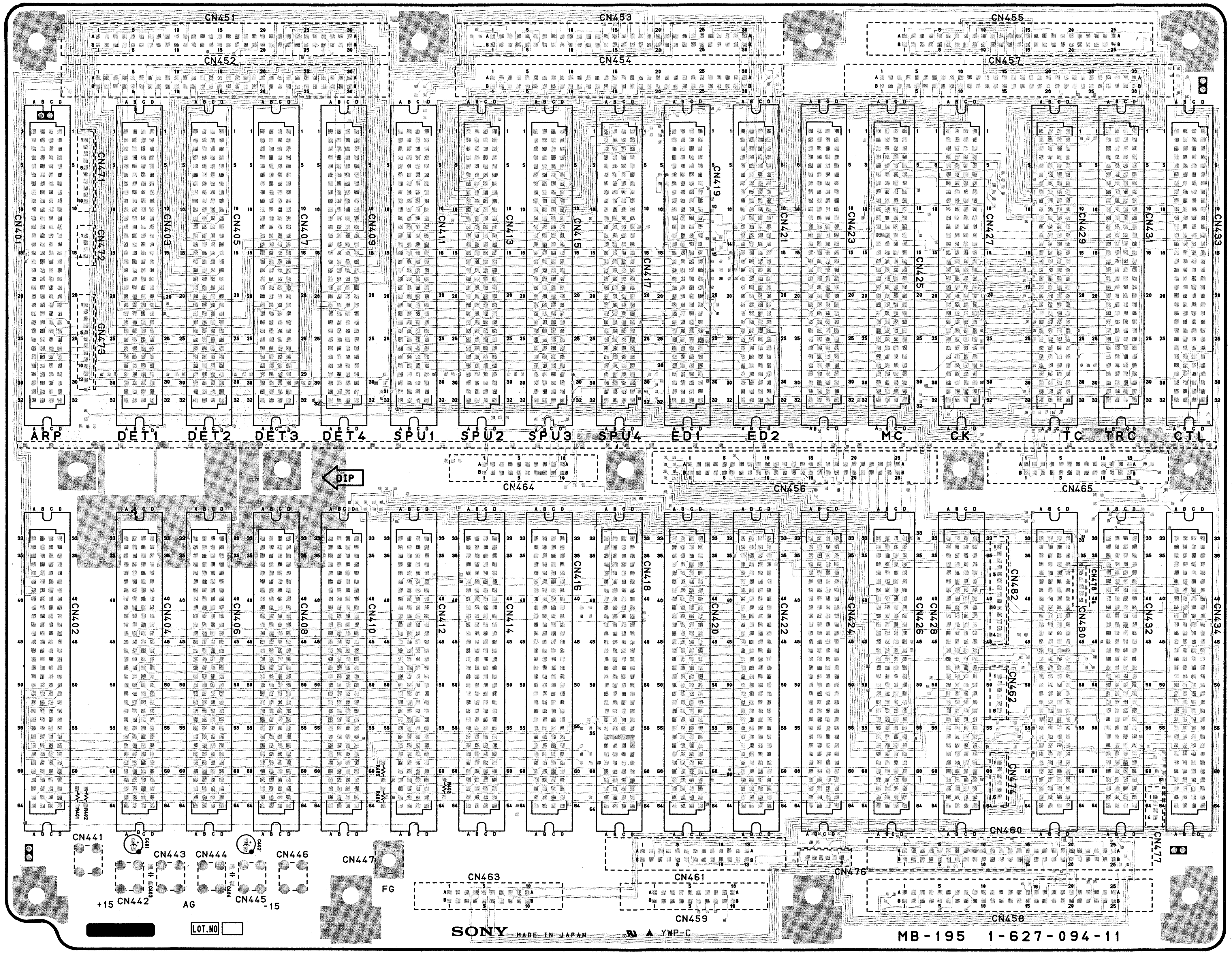
MB-194 BOARD (1-627-100-12) S/N; 10101 AND HIGHER
Component Side


15
CN200
1
CN201
4
CN202
CN203
CN204
12
CN205
R1
C50
C49
CN206
25
A
B
C16
C15
C26
C25
C36
C35
C48
C47
CN217
RS
C51
C52
C18
C17
C28
C27
C38
C37
CN 216
RLD
32
CN219
CN220
CN221
D
C
B
A
MB194 1-627-100-12
SONY MADE IN JAPAN
LOT NO.
S5

▒ SOLDER SIDE PATTERN

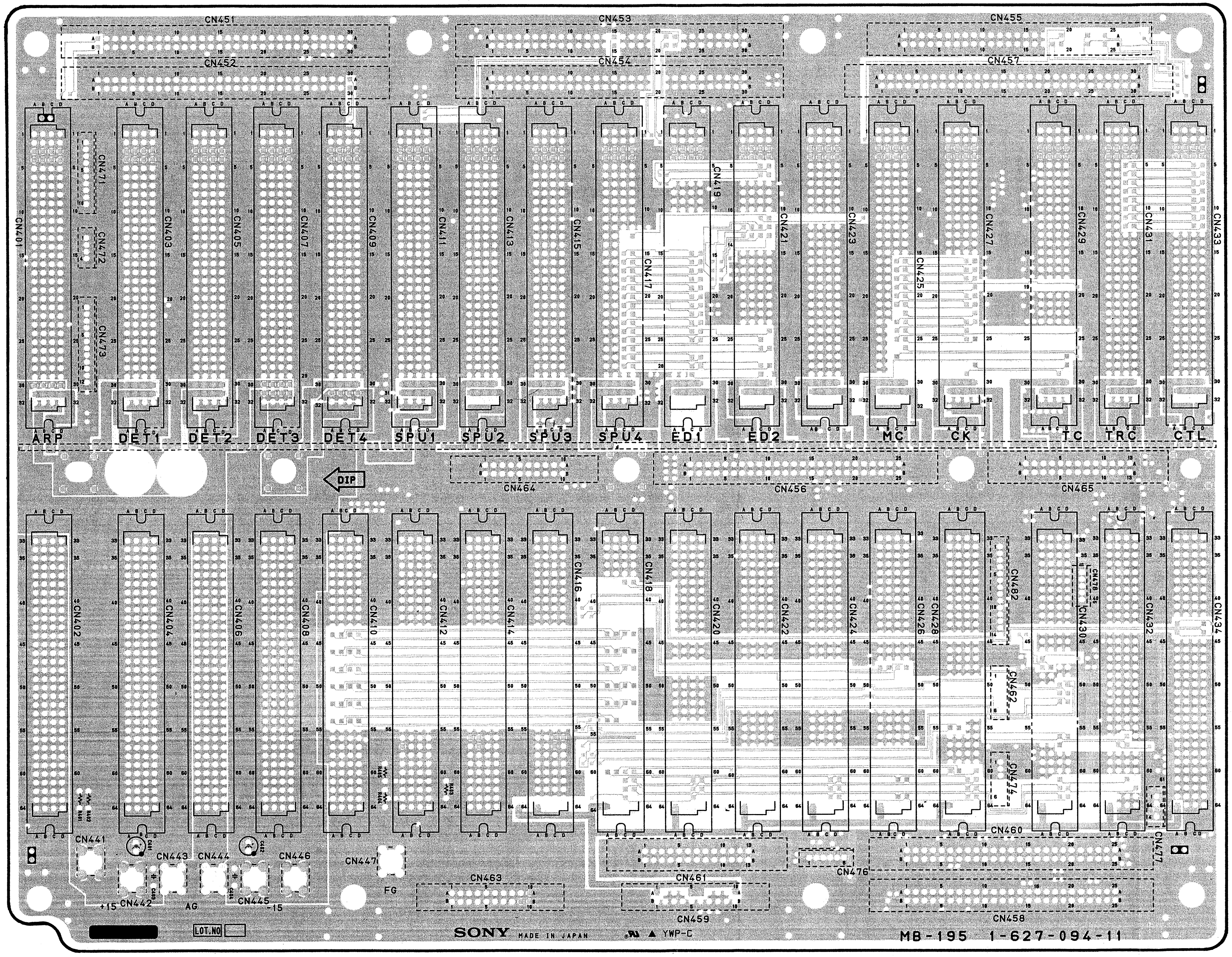

C48
C47
C35
CN217
RS
6
1
CN207
3
1
CN208
3
1
CN209
C14
C13
32
D
C
B
A
CN222
6
1
CN210
C34
C33
C24
C23
3
1
CN211
C46
C45
10
1
A
B
CN212
CN223
5
1
CN213
C44
C43
CN218
CS
A
B
5
CN214
1
C12
C22
C21
C11
C32
C31
32
D
C
B
A
CN224
9
1
CN215
C42
C41

MB-195 BOARD (1-627-094-11)
Component Side


CN451
CN452
CN453
CN454
CN455
CN457
CN401
CN471
CN472
CN473
CN403
CN405
CN407
CN409
CN411
CN413
CN415
CN417
CN419
CN421
CN423
CN425
CN427
CN429
CN431
CN433
ARP
DET1
DET2
DET3
DET4
SPU1
SPU2
SPU3
SPU4
ED1
ED2
MC
CK
TC
TRC
CTL
DIP
CN464
CN456
CN465
CN402
CN404
CN406
CN408
CN410
CN412
CN414
CN416
CN418
CN420
CN422
CN424
CN426
CN428
CN482
CN478
CN430
CN432
CN434
CN492
CN474
CN441
CN442
CN443
CN444
CN445
CN446
CN447
FG
+15
AG
-15
CN460
CN476
CN477
CN463
CN461
CN459
CN458
LOT.NO
SONY
MADE IN JAPAN
YWP-C
MB-195 1-627-094-11

■ SOLDER SIDE PATTERN

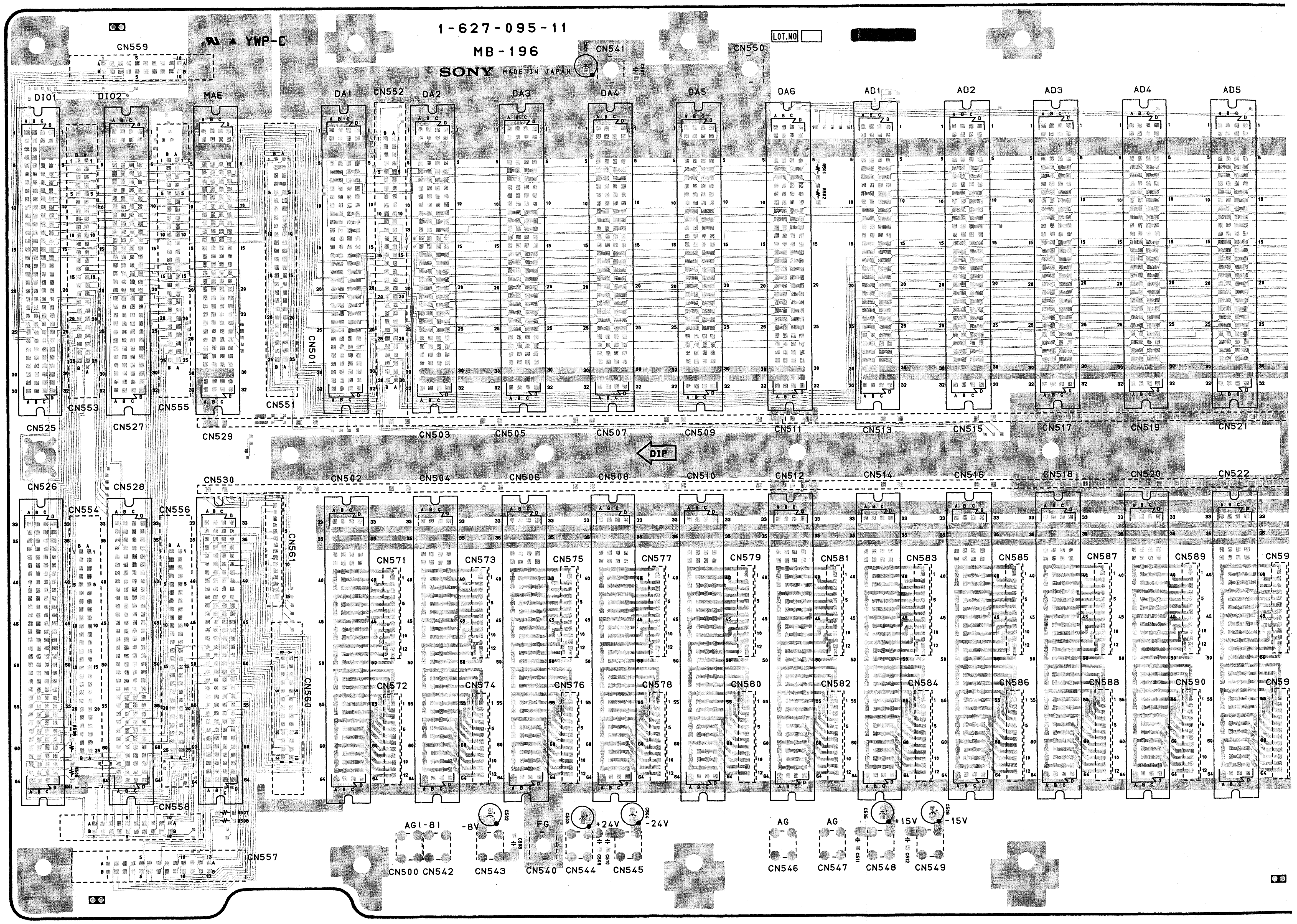
MB-195 BOARD (1-627-094-11)
Component Side


CN451
CN452
CN453
CN454
CN455
CN457
CN401
CN403
CN405
CN407
CN409
CN411
CN413
CN415
CN417
CN419
CN421
CN423
CN425
CN427
CN429
CN431
CN433
CN471
CN472
CN473
ARP
DET1
DET2
DET3
DET4
SPU1
SPU2
SPU3
SPU4
ED1
ED2
MC
CK
TC
TRC
CTL
DIP
CN464
CN456
CN465
CN402
CN404
CN406
CN408
CN410
CN412
CN414
CN416
CN418
CN420
CN422
CN424
CN426
CN428
CN430
CN432
CN434
CN478
CN482
CN462
CN474
CN441
CN442
CN443
CN444
CN445
CN446
CN447
+15
AG
-15
FG
CN463
CN461
CN459
CN476
CN460
CN458
CN477
LOT.NO
SONY MADE IN JAPAN
YWP-C
MB-195 1-627-094-11

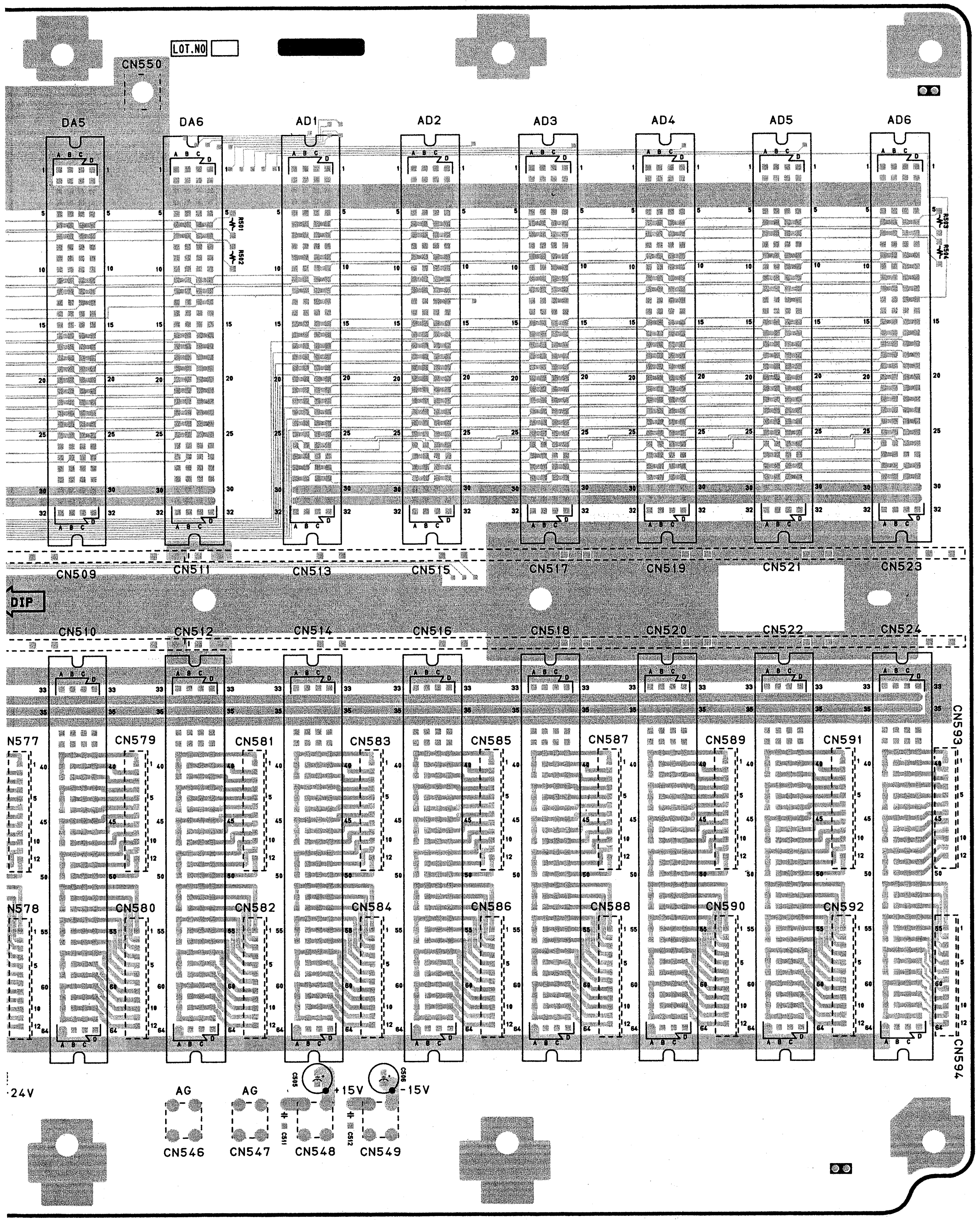
■ INTERNAL SOLDER SIDE PATTERN

B- 327

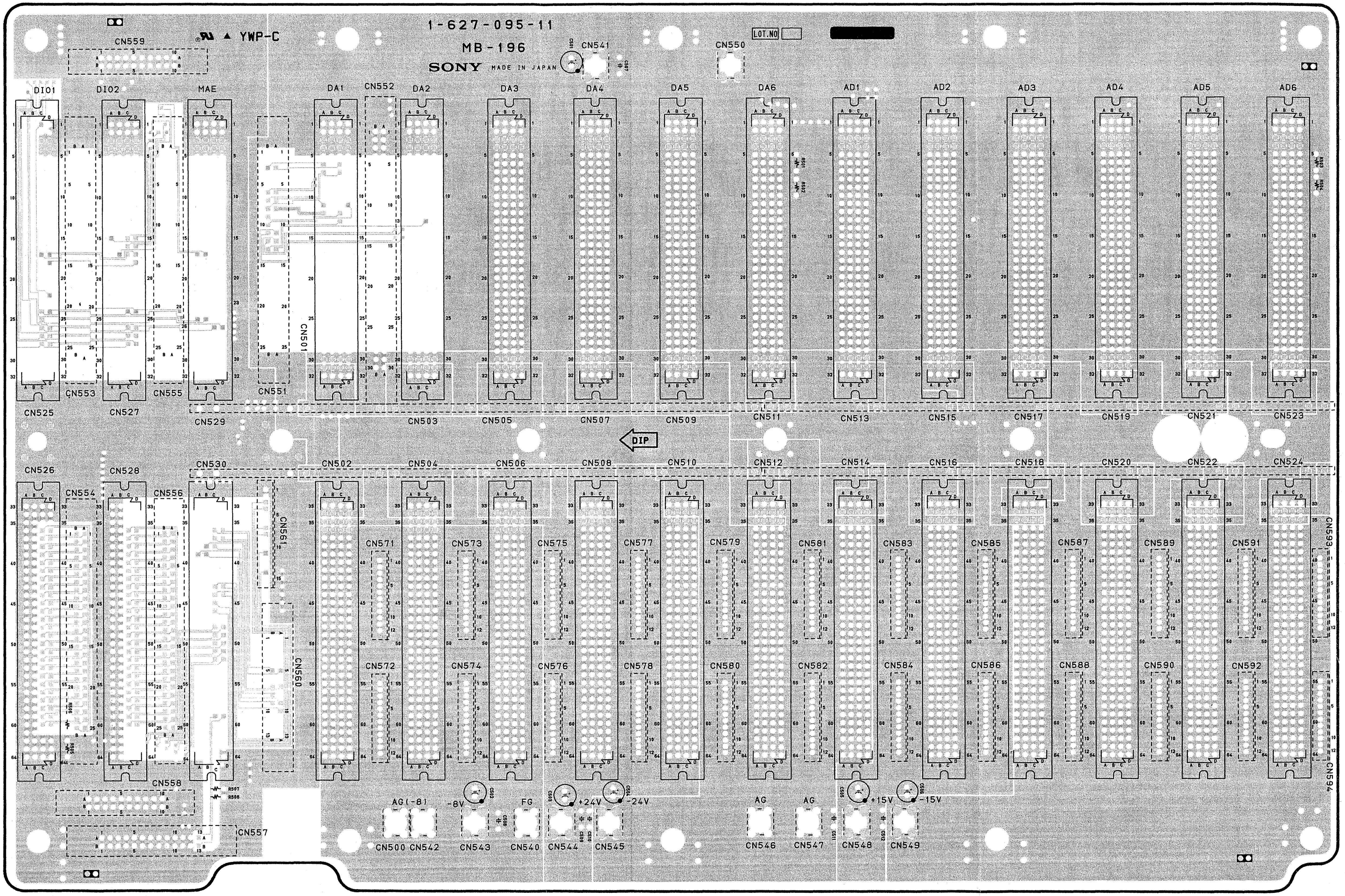
MB-196 BOARD (1-627-095-11)
Component Side


1-627-095-11
MB-196
SONY MADE IN JAPAN
YWP-C
LOT.NO
CN559
CN541
CN550
DIO1
DIO2
MAE
DA1
CN552
DA2
DA3
DA4
DA5
DA6
AD1
AD2
AD3
AD4
AD5
CN501
CN551
CN553
CN555
CN525
CN527
CN529
CN503
CN505
CN507
CN509
CN511
CN513
CN515
CN517
CN519
CN521
DIP
CN526
CN528
CN530
CN502
CN504
CN506
CN508
CN510
CN512
CN514
CN516
CN518
CN520
CN522
CN554
CN556
CN561
CN560
CN571
CN573
CN575
CN577
CN579
CN581
CN583
CN585
CN587
CN589
CN59
CN572
CN574
CN576
CN578
CN580
CN582
CN584
CN586
CN588
CN590
CN59
CN558
CN557
AG(-8)
-8V
FG
+24V
-24V
AG
AG
+15V
-15V
CN500
CN542
CN543
CN540
CN544
CN545
CN546
CN547
CN548
CN549

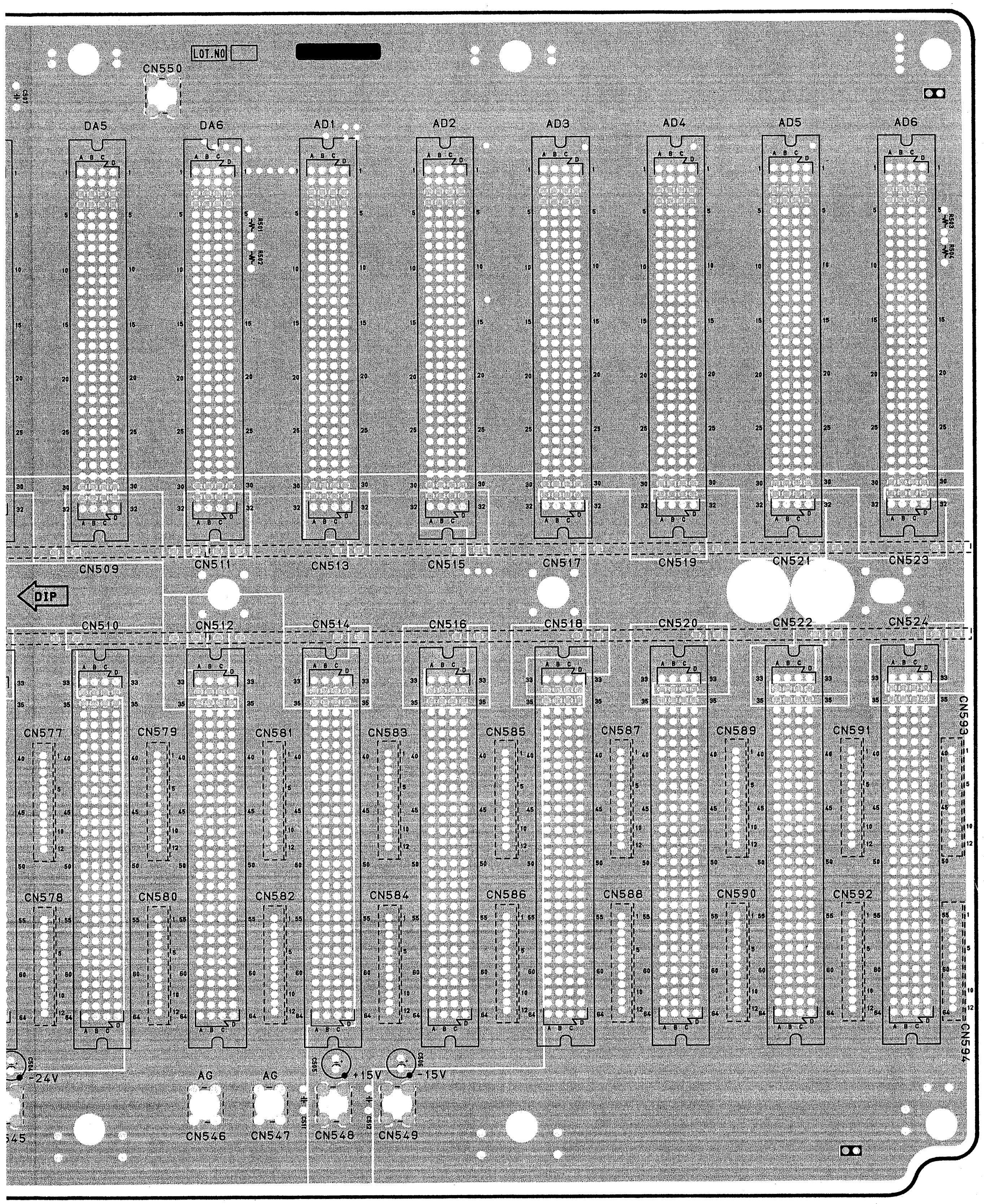
▨ SOLDER SIDE PATTERN


LOT.NO
CN550
DA5
DA6
AD1
AD2
AD3
AD4
AD5
AD6
CN509
CN511
CN513
CN515
CN517
CN519
CN521
CN523
DIP
CN510
CN512
CN514
CN516
CN518
CN520
CN522
CN524
N577
CN579
CN581
CN583
CN585
CN587
CN589
CN591
CN593
N578
CN580
CN582
CN584
CN586
CN588
CN590
CN592
CN594
24V
AG
AG
+15V
-15V
CN546
CN547
CN548
CN549

MB-196 BOARD (1-627-095-11)
Component Side

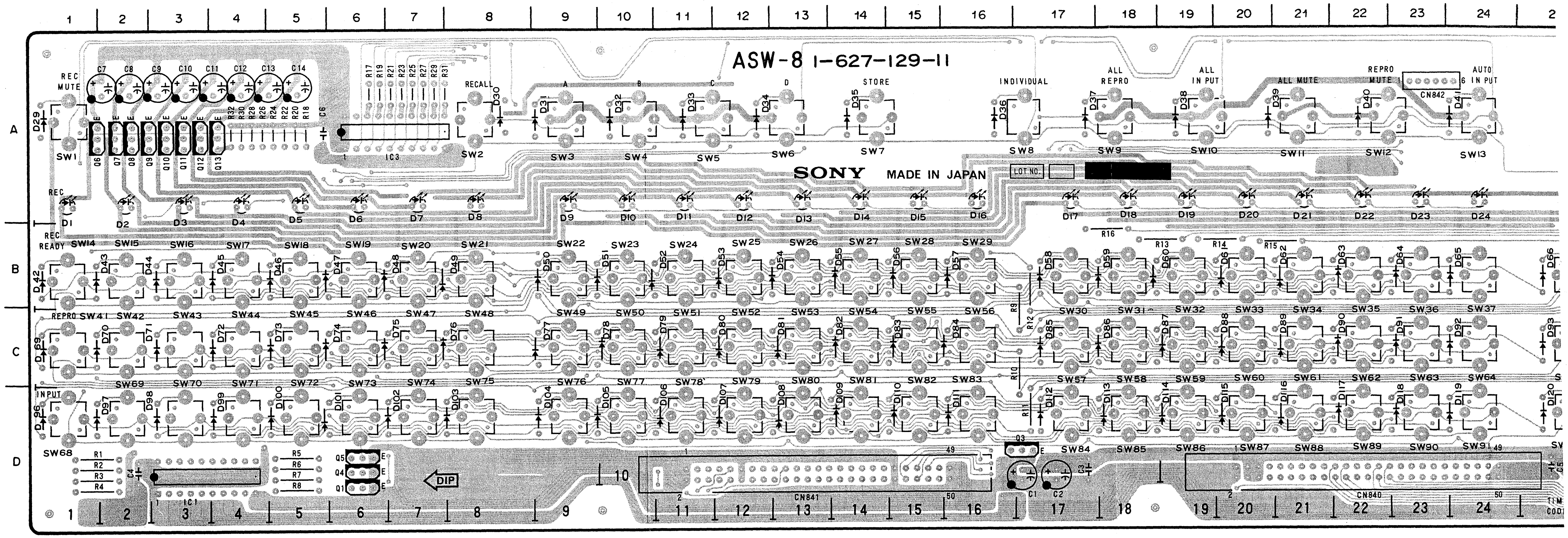

1-627-095-11
MB-196
SONY MADE IN JAPAN
YWP-C
LOT.NO
CN559
CN541
CN550
DIO1
DIO2
MAE
DA1
CN552
DA2
DA3
DA4
DA5
DA6
AD1
AD2
AD3
AD4
AD5
AD6
CN553
CN555
CN551
CN501
CN525
CN527
CN529
CN503
CN505
CN507
CN509
CN511
CN513
CN515
CN517
CN519
CN521
CN523
DIP
CN526
CN528
CN530
CN502
CN504
CN506
CN508
CN510
CN512
CN514
CN516
CN518
CN520
CN522
CN524
CN554
CN556
CN561
CN571
CN573
CN575
CN577
CN579
CN581
CN583
CN585
CN587
CN589
CN591
CN593
CN560
CN572
CN574
CN576
CN578
CN580
CN582
CN584
CN586
CN588
CN590
CN592
CN594
CN558
CN557
AG(-8)
-8V
FG
+24V
-24V
AG
AG
+15V
-15V
CN500
CN542
CN543
CN540
CN544
CN545
CN546
CN547
CN548
CN549

■ INTERNAL SOLDER SIDE PATTERN


LOT.NO
CN550
DA5
DA6
AD1
AD2
AD3
AD4
AD5
AD6
CN509
CN511
CN513
CN515
CN517
CN519
CN521
CN523
DIP
CN510
CN512
CN514
CN516
CN518
CN520
CN522
CN524
CN593
CN577
CN579
CN581
CN583
CN585
CN587
CN589
CN591
CN578
CN580
CN582
CN584
CN586
CN588
CN590
CN592
CN594
-24V
AG
AG
+15V
-15V
CN546
CN547
CN548
CN549

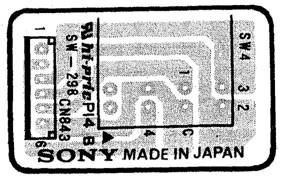
REMOTE CONTROL UNIT ASW-8/SW-298 BOARD

ASW-8 BOARD (1-627-129-11)
Component Side

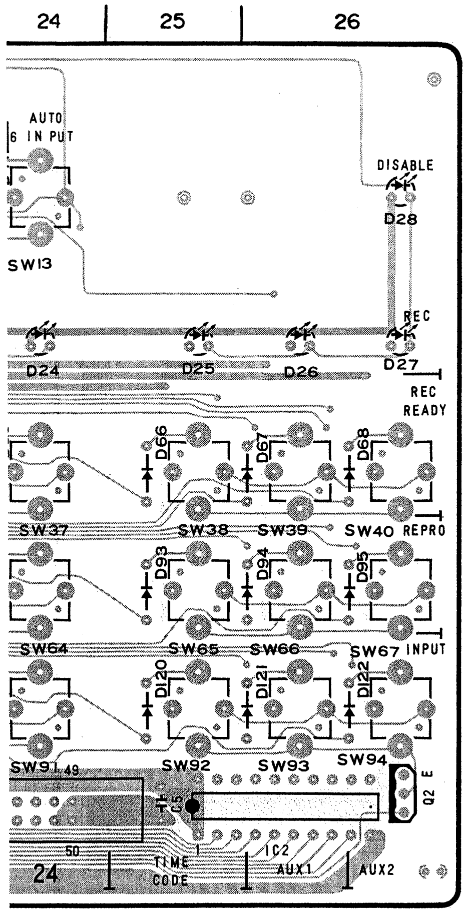

ASW-8 1-627-129-11
SONY MADE IN JAPAN
LOT NO.
REC MUTE
RECALL
A
B
C
D
STORE
INDIVIDUAL
ALL REPRO
ALL IN PUT
ALL MUTE
REPRO MUTE
AUTO IN PUT
REC
REC READY
REPRO
INPUT
IC1
IC3
CN840
CN841
CN842
DIP
TIME CODE

■ SOLDER SIDE PATTERN

SW-298 BOARD (1-627-133-11)
Component Side

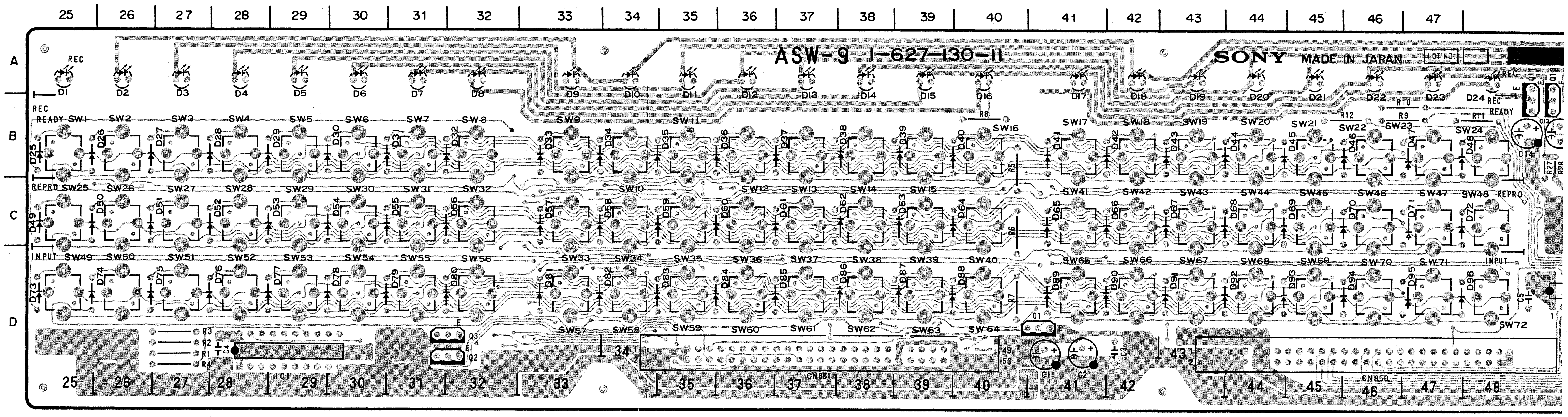

SW-298
CN843
SW4
SONY MADE IN JAPAN

■ SOLDER SIDE PATTERN


24
25
26
AUTO
6 IN PUT
SW13
DISABLE
D28
REC
D24
D25
D26
D27
REC
READY
D66
D67
D68
SW37
SW38
SW39
SW40
REPRO
D93
D94
D95
SW64
SW65
SW66
SW67
INPUT
D120
D121
D122
SW91
49
SW92
SW93
SW94
C5
Q2
E
50
24
1
TIME
CODE
IC2
AUX1
AUX2

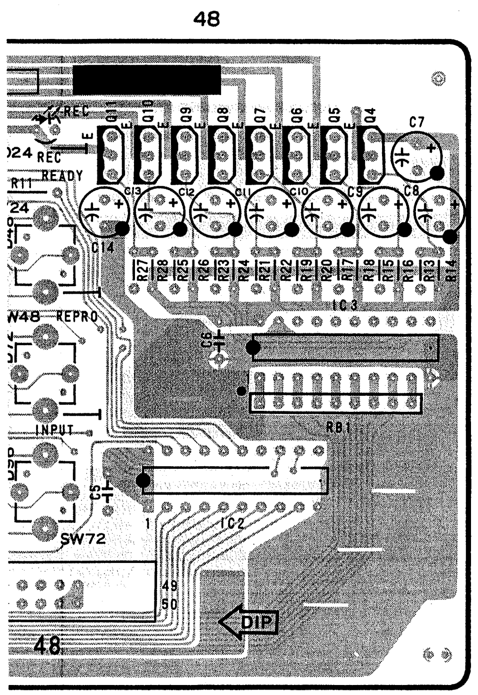
CN84	D-13	D67	B-25	Q10	A-3	SW65	C-25
CN840	D-22	D68	B-27	Q11	A-3	SW66	C-26
CN842	A-23	D69	C-1	Q12	A-3	SW67	C-27
		D70	C-1	Q13	A-4	SW68	D-1
D1	A-1	D71	C-3			SW69	D-2
D2	A-2	D72	C-4	SW1	A-1	SW70	D-3
D3	A-3	D73	C-5	SW2	A-8	SW71	D-4
D4	A-4	D74	C-5	SW3	A-9	SW72	D-5
D5	A-5	D75	C-6	SW4	A-10	SW73	D-6
D6	A-6	D76	C-7	SW4	C-27	SW74	D-7
D7	A-7	D77	C-9	SW5	A-11	SW75	D-8
D8	A-8	D78	C-10	SW6	A-13	SW76	D-9
D9	A-9	D79	C-11	SW7	A-14	SW77	D-10
D10	A-10	D80	C-12	SW8	A-17	SW78	D-11
D11	A-11	D81	C-13	SW9	A-18	SW79	D-12
D12	A-12	D82	C-14	SW10	A-19	SW80	D-13
D13	A-13	D83	C-15	SW11	A-21	SW81	D-14
D14	A-14	D84	C-16	SW12	A-22	SW82	D-15
D15	A-15	D85	C-17	SW13	A-24	SW83	D-16
D16	A-16	D86	C-18	SW14	B-1	SW84	D-17
D17	A-17	D87	C-19	SW15	B-2	SW85	D-18
D18	A-18	D88	C-20	SW16	B-3	SW86	D-19
D19	A-19	D89	C-21	SW17	B-4	SW87	D-20
D20	A-20	D90	C-22	SW18	B-5	SW88	D-21
D21	A-21	D91	C-23	SW19	B-6	SW89	D-22
D22	A-22	D92	C-24	SW20	B-7	SW90	D-23
D23	A-23	D93	C-25	SW21	B-8	SW91	D-24
D24	A-24	D94	C-25	SW22	B-9	SW92	D-25
D25	A-25	D95	C-27	SW23	B-10	SW93	D-26
D26	A-26	D96	D-1	SW24	B-11	SW94	D-27
D27	A-27	D97	D-1	SW25	B-12		
D28	A-27	D98	D-3	SW26	B-13		
D29	A-1	D99	D-4	SW27	B-14		
D30	A-8	D100	D-5	SW28	B-15		
D31	A-9	D101	D-5	SW29	B-16		
D32	A-10	D102	D-7	SW30	B-17		
D33	A-11	D103	D-8	SW31	B-18		
D34	A-12	D104	D-9	SW32	B-19		
D35	A-14	D105	D-9	SW33	B-20		
D36	A-16	D106	D-11	SW34	B-21		
D37	A-17	D107	D-12	SW35	B-22		
D38	A-19	D108	D-13	SW36	B-23		
D39	A-20	D109	D-14	SW37	B-24		
D40	A-22	D110	D-15	SW38	B-25		
D41	A-24	D111	D-16	SW39	B-26		
D42	B-1	D112	D-17	SW40	B-27		
D43	B-2	D113	D-18	SW41	C-1		
D44	B-3	D114	D-19	SW42	C-2		
D45	B-4	D115	D-20	SW43	C-3		
D46	B-5	D116	D-21	SW44	C-4		
D47	B-5	D117	D-22	SW45	C-5		
D48	B-6	D118	D-23	SW46	C-6		
D49	B-7	D119	D-24	SW47	C-7		
D50	B-9	D120	D-25	SW48	C-8		
D51	B-9	D121	D-25	SW49	C-9		
D52	B-10	D122	D-27	SW50	C-10		
D53	B-12			SW51	C-11		
D54	B-13	IC1	D-3	SW52	C-12		
D55	B-14	IC2	D-26	SW53	C-13		
D56	B-15	IC3	A-7	SW54	C-14		
D57	B-16			SW55	C-15		
D58	B-17	Q1	D-6	SW56	C-16		
D59	B-18	Q2	D-27	SW57	C-17		
D60	B-18	Q3	D-17	SW58	C-18		
D61	B-20	Q4	D-6	SW59	C-19		
D62	B-21	Q5	D-6	SW60	C-20		
D63	B-22	Q6	A-1	SW61	C-21		
D64	B-23	Q7	A-2	SW62	C-22		
D65	B-24	Q8	A-2	SW63	C-23		
D66	B-25	Q9	A-3	SW64	C-24		

ASW-9 BOARD (1-627-130-11)
Component Side


25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47
A
B
C
D
ASW-9 1-627-130-11
SONY MADE IN JAPAN
LOT NO.
REC
REC READY
REPRO
INPUT
D1 D2 D3 D4 D5 D6 D7 D8 D9 D10 D11 D12 D13 D14 D15 D16 D17 D18 D19 D20 D21 D22 D23 D24
SW1 SW2 SW3 SW4 SW5 SW6 SW7 SW8 SW9 SW11 SW16 SW17 SW18 SW19 SW20 SW21 SW22 SW23 SW24
SW25 SW26 SW27 SW28 SW29 SW30 SW31 SW32 SW10 SW12 SW13 SW14 SW15 SW41 SW42 SW43 SW44 SW45 SW46 SW47 SW48
SW49 SW50 SW51 SW52 SW53 SW54 SW55 SW56 SW33 SW34 SW35 SW36 SW37 SW38 SW39 SW40 SW65 SW66 SW67 SW68 SW69 SW70 SW71
SW57 SW58 SW59 SW60 SW61 SW62 SW63 SW64 SW72
R1 R2 R3 R4 R5 R6 R7 R8 R9 R10 R11 R12
C1 C2 C3 C4 C5 C14
Q1 Q2 Q3
IC1
CN851
CN850
25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48

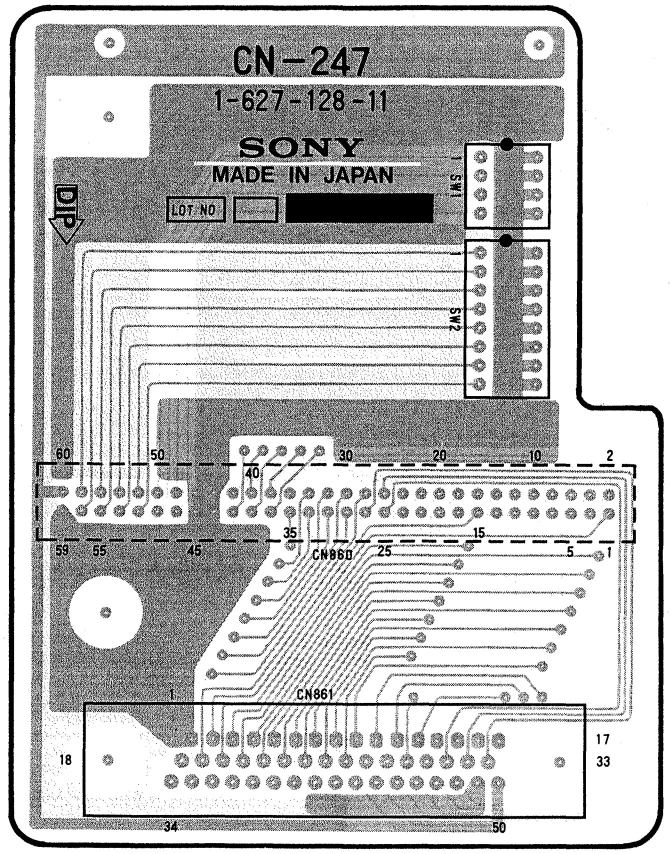
■ SOLDER SIDE PATTERN

REMOTE CONTROL UNIT ASW-9 BOARD


48
REC
D24 REC
READY
R11
24
W48 REPRO
INPUT
SW72
Q11
Q10
Q9
Q8
Q7
Q6
Q5
Q4
E
C7
C13
C12
C11
C10
C9
C8
C14
R27
R28
R25
R26
R23
R24
R21
R22
R19
R20
R17
R18
R15
R16
R13
R14
IC3
C6
RB1
C5
1
IC2
49
50
DIP
48

CN850	D-46
CN851	D-37
D1	A-25
D2	A-26
D3	A-27
D4	A-28
D5	A-29
D6	A-30
D7	A-31
D8	A-32
D9	A-33
D10	A-34
D11	A-35
D12	A-36
D13	A-37
D14	A-38
D15	A-39
D16	A-40
D17	A-41
D18	A-42
D19	A-43
D20	A-44
D21	A-45
D22	A-46
D23	A-47
D24	A-48
D25	B-1
D26	B-1
D27	B-26
D28	B-27
D29	B-28
D30	B-29
D31	B-30
D32	B-31
D33	B-33
D34	B-33
D35	B-35
D36	B-36
D37	B-37
D38	B-38
D39	B-39
D40	B-40
D41	B-41
D42	B-42
D43	B-43
D44	B-44
D45	B-45
D46	B-46
D47	B-47
D48	B-48
D49	C-25
D50	C-25
D51	C-26
D52	C-27
D53	C-28
D54	C-29
D55	C-31
D56	C-31
D57	C-33
D58	C-33
D59	C-35
D60	C-36
D61	C-36
D62	C-38
D63	C-39
D64	C-40
D65	C-41
D66	C-41
D67	C-43
D68	C-44
D69	C-44
D70	C-46
D71	C-47
D72	C-48
D73	D-25
D74	D-25
D75	D-26
D76	D-38
D77	D-28
D78	D-30
D79	D-31
D80	D-32
D81	D-33
D82	D-33
D83	D-35
D84	D-36
D85	D-36
D86	D-38
D87	D-39
D88	D-40
D89	D-41
D90	D-41
D91	D-43
D92	D-44
D93	D-44
D94	D-46
D95	D-47
D96	D-47
IC1	D-29
IC2	D-48
IC3	C-48
Q1	D-41
Q2	D-32
Q3	D-32
Q4	B-48
Q5	B-48
Q6	B-48
Q7	B-48
Q8	B-48
Q9	B-48
Q10	B-48
Q11	B-48
RB1	C-48
SW1	B-1
SW2	B-26
SW3	B-27
SW4	B-28
SW5	B-29
SW6	B-30
SW7	B-31
SW8	B-32
SW9	B-33
SW10	B-34
SW11	B-35
SW12	B-36
SW13	B-37
SW14	B-38
SW15	B-39
SW16	B-40
SW17	B-41
SW18	B-42
SW19	B-43
SW20	B-44
SW21	B-45
SW22	B-46
SW23	B-47
SW24	B-48
SW25	C-25
SW26	C-26
SW27	C-27
SW28	C-28
SW29	C-29
SW30	C-30
SW31	C-31
SW32	C-32
SW33	C-33
SW34	C-34
SW35	C-35
SW36	C-36
SW37	C-37
SW38	C-38
SW39	C-39
SW40	C-40
SW41	C-41
SW42	B-42
SW43	C-43
SW44	C-44
SW45	C-45
SW46	C-46
SW47	C-47
SW48	C-48
SW49	D-25
SW50	D-26
SW51	D-27
SW52	D-28
SW53	D-29
SW54	D-30
SW55	D-31
SW56	D-32
SW57	D-33
SW58	D-34
SW59	D-35
SW60	D-36
SW61	D-37
SW62	D-38
SW63	D-39
SW64	D-40
SW65	D-41
SW66	D-42
SW67	D-43
SW68	D-44
SW69	D-45
SW70	D-46
SW71	D-47
SW72	D-48

CN-247 BOARD (1-627-128-11)
Component Side

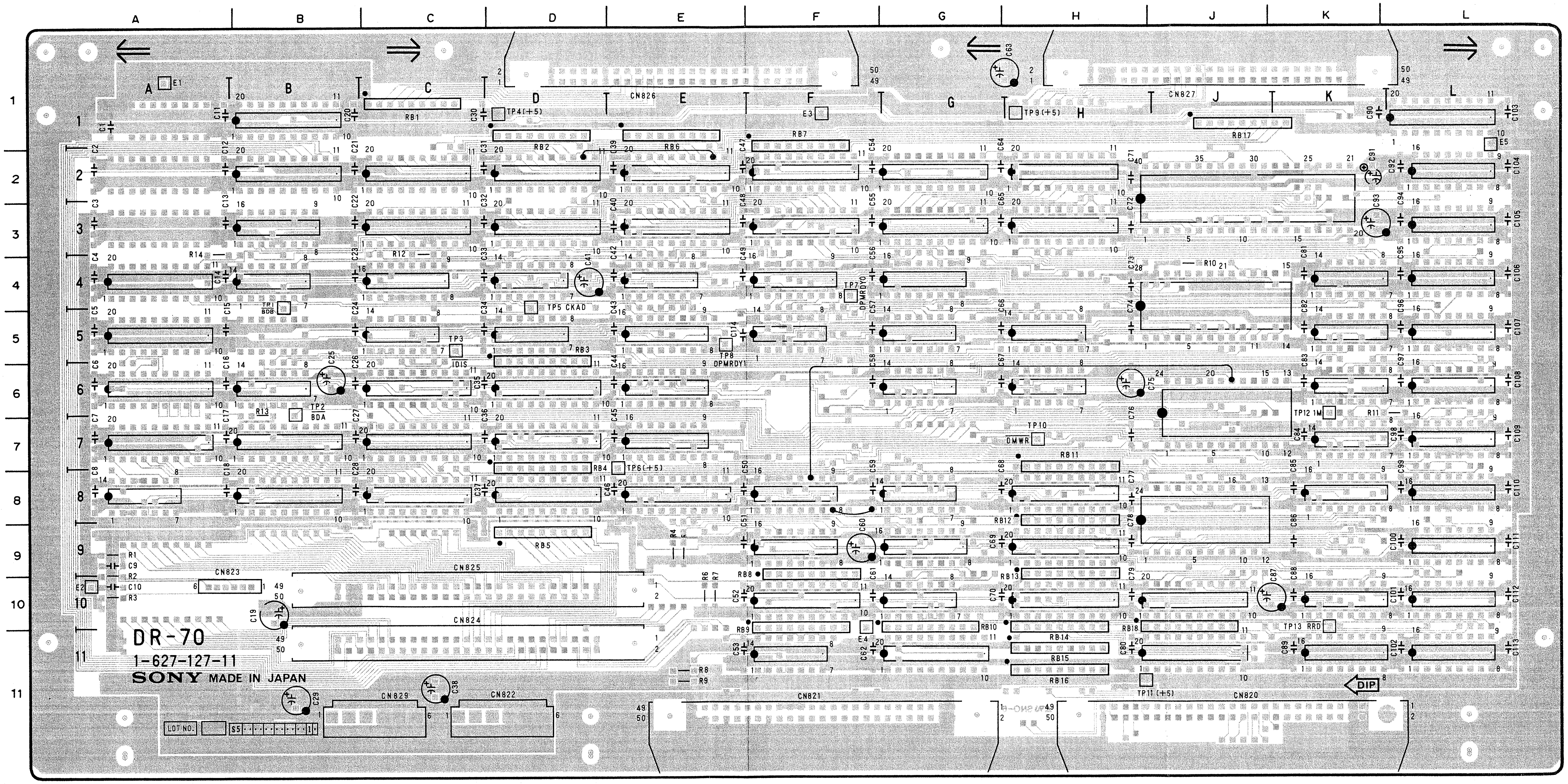

CN-247
1-627-128-11
SONY
MADE IN JAPAN
LOT NO
DIP
SW1
SW2
60
50
40
30
20
10
2
59
55
45
35
25
15
5
1
CN860
CN861
1
17
18
33
34
50

▩ SOLDER SIDE PATTERN

REMOTE CONTROL UNIT DR-70 BOARD

DR-70 BOARD (1-627-127-11)
Component Side

S/N: 10001 TO 10300


A
B
C
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J
K
L
1
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3
4
5
6
7
8
9
10
11
CN820
CN821
CN822
CN823
CN824
CN825
CN826
CN827
CN829
E1
E2
E3
E4
E5
TP1 BDB
TP2 BDA
TP3 IDIS
TP4(+5)
TP5 CKAD
TP6(+5)
TP7 OPMRDY0
TP8 OPMRDY1
TP9(+5)
TP10 DMWR
TP11(+5)
TP12 IM
TP13 RRD
DIP
DR-70
1-627-127-11
SONY MADE IN JAPAN
LOT NO.
S5

■ SOLDER SIDE PATTERN

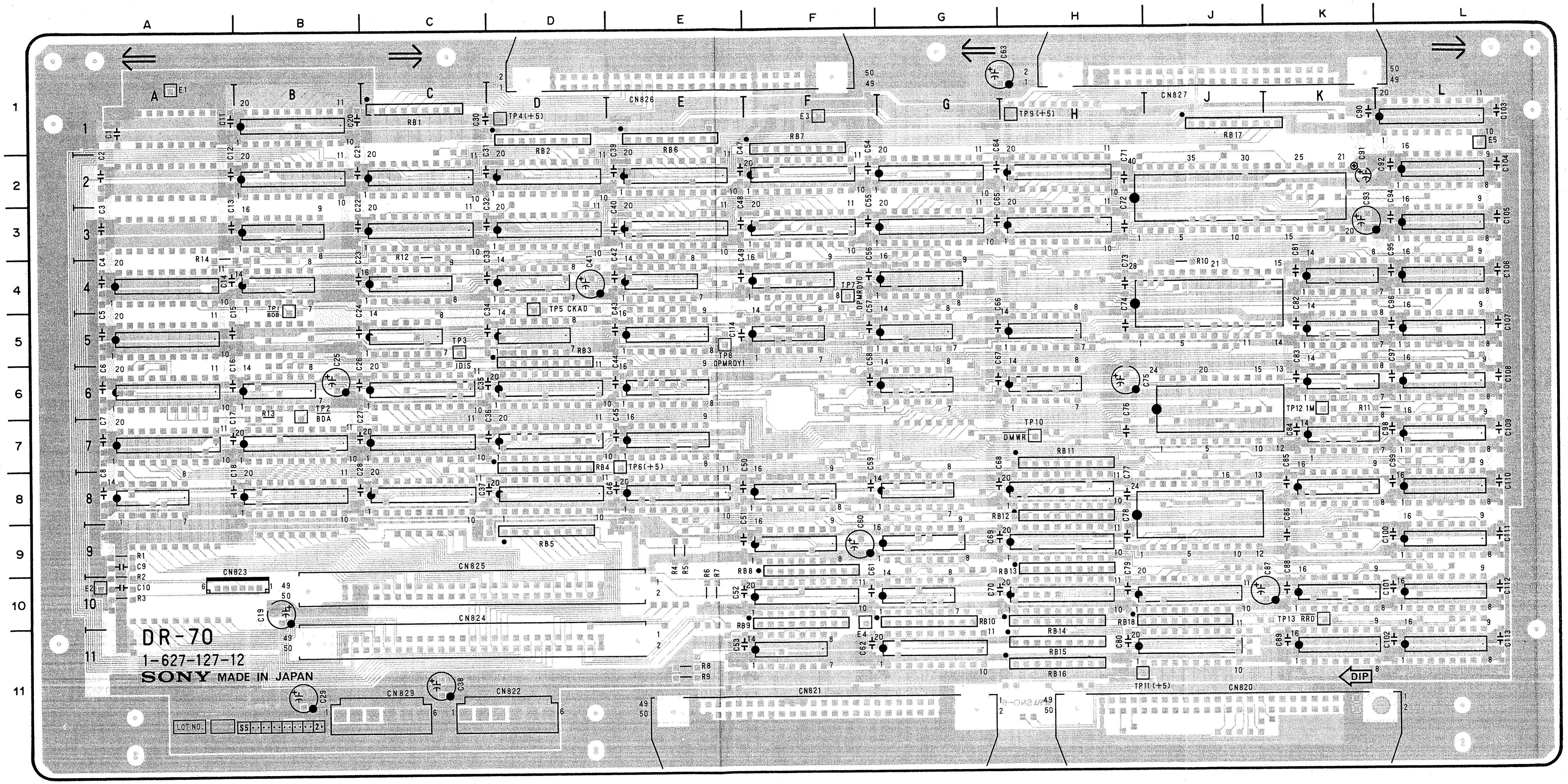
REMOTE CONTROL UNIT DR-70 BOARD

CN820	J-11
CN821	F-11
CN822	D-11
CN823	A-10
CN824	C-11
CN825	C-10
CN826	E-1
CN827	J-1
CN829	C-11
E1	A-1
E2	A-10
E3	F-1
E4	F-10
E5	L-1
ICA4	A-4
ICA5	A-5
ICA6	A-6
ICA7	A-7
ICA8	A-8
ICB1	B-1
ICB2	B-2
ICB3	B-3
ICB4	B-4
ICB6	B-6
ICB7	B-7
ICB8	B-8
ICC2	C-2
ICC3	C-3
ICC4	C-4
ICC5	C-5
ICC6	C-6
ICC7	C-7
ICC8	C-8
ICD2	D-2
ICD3	D-3
ICD4	D-4
ICD5	D-5
ICD6	D-6
ICD7	D-7
ICD8	D-8
ICE2	E-2
ICE3	E-3
ICE4	E-4
ICE5	E-5
ICE6	E-6
ICE7	E-7
ICE8	E-8
ICF2	R-2
ICF3	F-3
ICF4	F-4
ICF5	F-5
ICF8	F-8
ICF9	F-9
ICF10	F-10
ICF11	F-11
ICG2	G-2
ICG3	G-3
ICG4	G-4
ICG5	G-5
ICG6	G-6
ICG8	G-8
ICG9	G-9
ICG10	G-10
ICG11	G-11
ICH2	H-2
ICH3	H-3
ICH5	H-5
ICH6	H-6
ICH8	H-8
ICH9	H-9
ICH10	H-10
ICJ2	J-2
ICJ4	J-4
ICJ6	J-6
ICJ8	J-8
ICJ10	J-10
ICJ11	J-11
ICK4	K-4
ICK5	K-5
ICK6	K-6
ICK7	K-7
ICK8	K-8
ICK10	K-10
ICK11	K-11
ICL1	L-1
ICL2	L-2
ICL3	L-3
ICL4	L-4
ICL5	L-5
ICL6	L-6
ICL7	L-7
ICL8	L-8
ICL9	L-9
ICL10	L-10
ICL11	L-11
RB1	C-1
RB2	D-1
RB3	D-5
RB4	D-7
RB5	D-9
RB6	E-1
RB7	F-1
RB8	F-9
RB9	F-10
RB10	G-10
RB11	H-7
RB12	H-8
RB13	H-9
RB14	H-10
RB15	H-11
RB16	H-11
RB17	J-1
RB18	J-10
TP1	B-4
TP2	B-6
TP3	C-5
TP4	D-1
TP5	D-4
TP6	E-7
TP7	F-4
TP8	E-5
TP9	H-1
TP10	H-7
TP11	H-11
TP12	K-6
TP13	K-10

Applied Serial No. Up to 10300	
Jumpers that have been soldered.	ICE2-12 — ICD2-12 ICF8-8 — GND ICJ6-18 — ICF8-11

REMOTE CONTROL UNIT DR-70 BOARD

DR-70 BOARD (1-627-127-12) S/N; 10301 AND HIGHER
Component Side


A
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F
G
H
J
K
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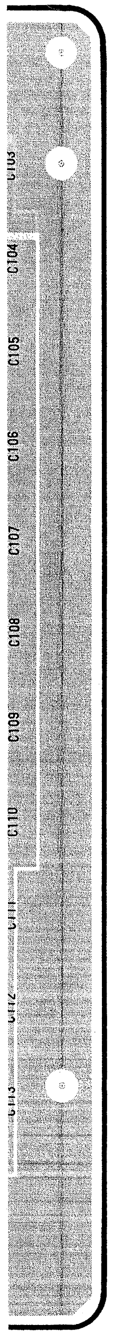
9
10
11
CN826
CN827
CN823
CN824
CN825
CN820
CN821
CN822
CN829
RB1
RB2
RB3
RB4
RB5
RB6
RB7
RB8
RB9
RB10
RB11
RB12
RB13
RB14
RB15
RB16
RB17
RB18
TP1 BDB
TP2 BDA
TP3 IDIS
TP4 (+5)
TP5 CKAD
TP6 (+5)
TP7 DPMRDY0
TP8 DPMRDY1
TP9 (+5)
TP10 DMWR
TP11 (+5)
TP12 1M
TP13 RRD
E1
E2
E3
E4
E5
DIP
DR-70
1-627-127-12
SONY MADE IN JAPAN
LOT NO.
S5

▩ SOLDER SIDE PATTERN

REMOTE CONTROL UNIT DR-70 BOARD



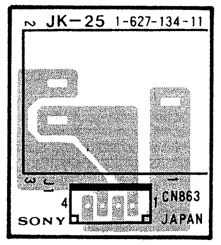
CN820	J-11
CN821	F-11
CN822	D-11
CN823	A-10
CN824	C-11
CN825	C-10
CN826	E-1
CN827	J-1
CN829	C-11
E1	A-1
E2	A-10
E3	F-1
E4	F-11
E5	L-2
ICA4	A-4
ICA5	A-5
ICA6	A-6
ICA7	A-7
ICA8	A-8
ICB1	B-1
ICB2	B-2
ICB3	B-3
ICB4	B-4
ICB6	B-6
ICB7	B-7
ICB8	B-8
ICC2	C-2
ICC3	C-3
ICC4	C-4
ICC5	C-5
ICC6	C-6
ICC7	C-7
ICC8	C-8
ICD2	D-2
ICD3	D-3
ICD4	D-4
ICD5	D-5
ICD6	D-6
ICD7	D-7
ICD8	D-8
ICE2	E-2
ICE3	E-3
ICE4	E-4
ICE5	E-5
ICE6	E-6
ICE7	E-7
ICE8	E-8
ICF2	R-2
ICF3	F-3
ICF4	F-4
ICF5	F-5
ICF8	F-8
ICF9	F-9
ICF10	F-10
ICF11	F-11
ICG2	G-2
ICG3	G-3
ICG4	G-4
ICG5	G-5
ICG6	G-6
ICG8	G-8
ICG9	G-9

ICG10	G-10
ICG11	G-11
ICH2	H-2
ICH3	H-3
ICH5	H-5
ICH6	H-6
ICH8	H-8
ICH9	H-9
ICH10	H-10
ICJ2	J-2
ICJ4	J-4
ICJ6	J-6
ICJ8	J-8
ICJ10	J-10
ICJ11	J-11
ICK4	K-4
ICK5	K-5
ICK6	K-6
ICK7	K-7
ICK8	K-8
ICK10	K-10
ICK11	K-11
ICL1	L-1
ICL2	L-2
ICL3	L-3
ICL4	L-4
ICL5	L-5
ICL6	L-6
ICL7	L-7
ICL8	L-8
ICL9	L-9
ICL10	L-10
ICL11	L-11
RB1	C-1
RB2	D-1
RB3	D-5
RB4	D-7
RB5	D-9
RB6	E-1
RB7	F-2
RB8	E-10
RB9	F-11
RB10	G-11
RB11	H-7
RB12	H-9
RB13	H-10
RB14	H-11
RB15	H-11
RB16	H-11
RB17	J-1
RB18	J-11
TP1	B-4
TP2	B-6
TP3	C-5
TP4	D-1
TP5	D-4
TP6	E-7
TP7	F-4
TP8	E-5
TP9	H-1
TP10	H-7
TP11	H-11
TP12	K-6
TP13	K-11

REMOTE CONTROL UNIT RM-59/JK-25 BOARD

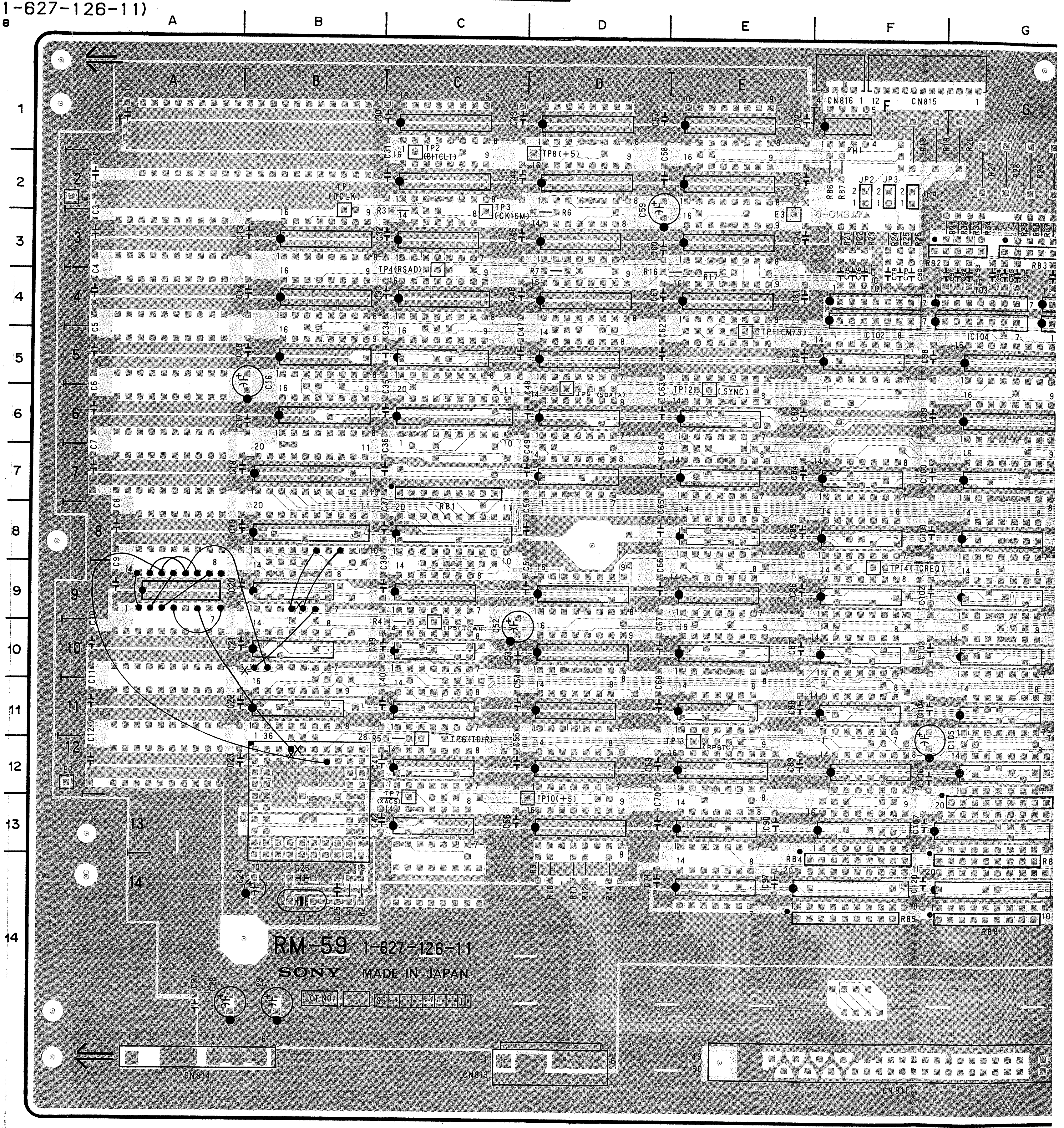
S/N; 10001 TO 10300

JK-25 BOARD (1-627-134-11)
Component Side


JK-25 1-627-134-11
CN863
SONY
JAPAN

▩ SOLDER SIDE PATTERN

RM-59 BOARD (1-627-126-11)
Component Side

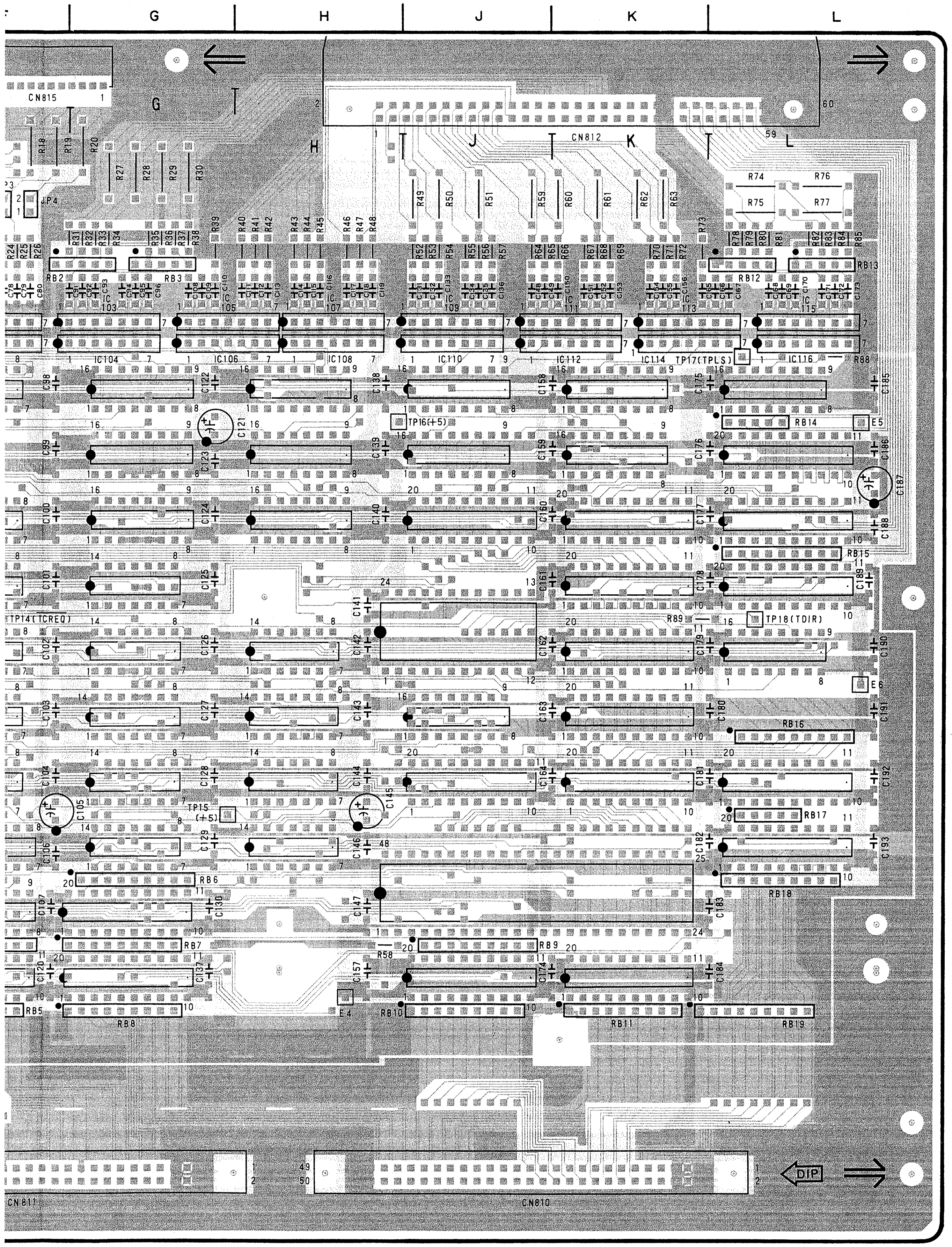

A
B
C
D
E
F
G
1
2
3
4
5
6
7
8
9
10
11
12
13
14
TP1 (DCLK)
TP2 (BITCLT)
TP3 (CK16M)
TP4 (RSAD)
TP5 (TCWR)
TP6 (TDIR)
TP7 (XACS)
TP8 (+5)
TP9 (SDATA)
TP10 (+5)
TP11 (M/S)
TP12 (SYNC)
TP13 (RPBT)
TP14 (TCREQ)
CN816
CN815
CN813
CN814
CN817
JP2
JP3
JP4
IC101
IC102
IC103
IC104
RB1
RB2
RB3
RB4
RB5
RB8
X1
RM-59 1-627-126-11
SONY
MADE IN JAPAN
LOT NO.

▩ SOLDER SIDE PATTERN

RM-59 BOARD

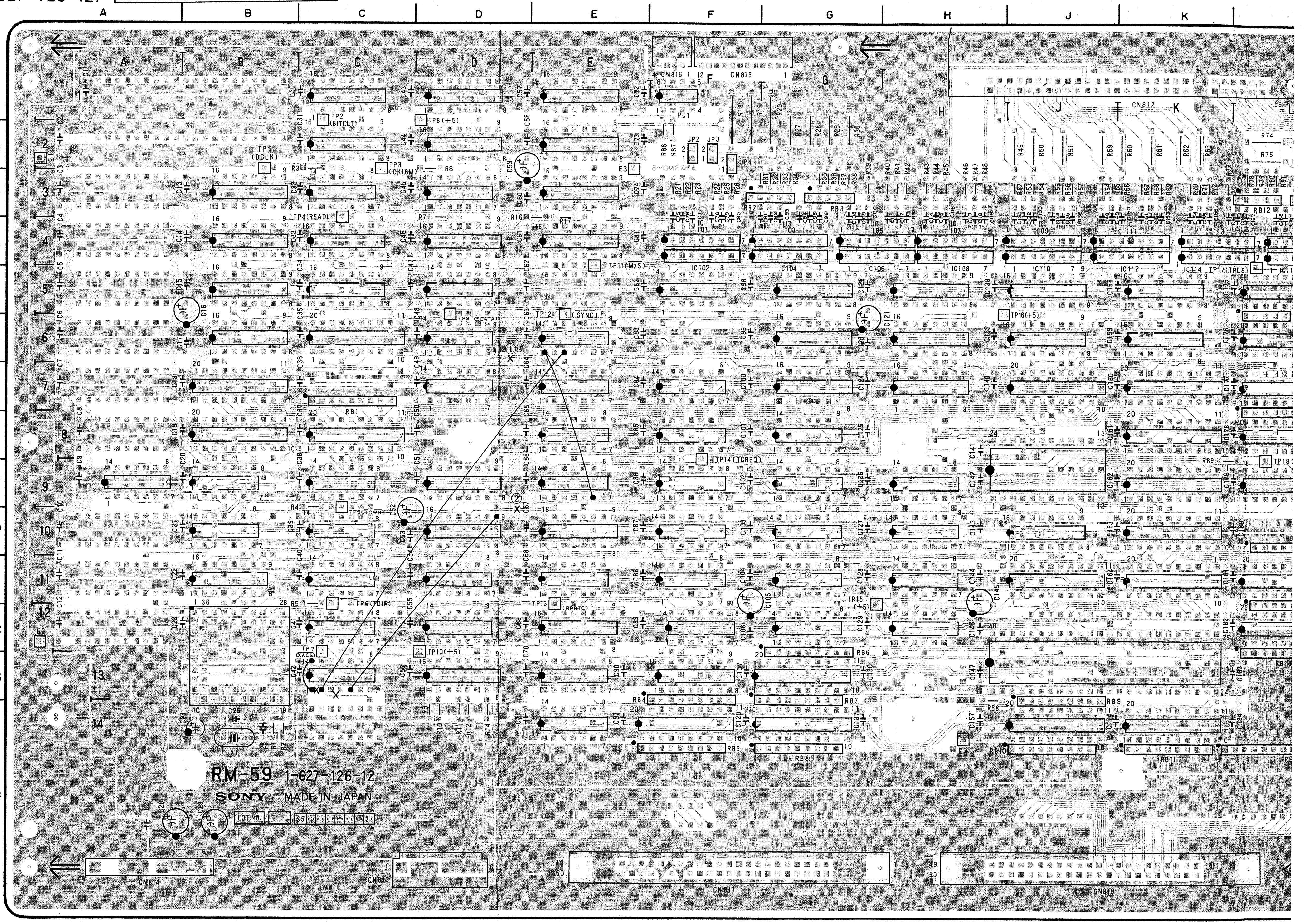
Applied Serial No. Up to 10300	
Jumpers that have been soldered or cut.	ICB9-4 ⟶×⟵ GND ICB9-5 ⟶×⟵ GND ICB10-1 ⟶×⟵ GND ICB13-34 ⟶×⟵ GND ICA9-1 — ICA9-14 ICA9-2 — ICA9-11 ICA9-3 — ICA9-8 ICA9-4 — GND ICA9-12 — ICA9-9 ICA9-13 — ICA9-10 ICB9-4 — ICB8-6 ICB9-5 — ICB8-8 ICB10-1 — ICB9-6 ICB10-2 — ICA9-10 ICB13-34 — ICA9-6 ICB13-60 — ICA9-12
Parts that have been added.	ICA9

REMOTE CONTROL UNIT RM-59/JK-25 BOARD


G
H
J
K
L
CN815
CN812
CN811
CN810
IC104
IC106
IC108
IC110
IC112
IC114
IC116
TP14(TCREQ)
TP15 (+5)
TP16(+5)
TP17(TPLS)
TP18(TDIR)
RB2
RB5
RB6
RB7
RB8
RB9
RB10
RB11
RB12
RB13
RB14
RB15
RB16
RB17
RB18
RB19
E4
E5
E6
DIP

CN810	J-14
CN811	F-14
CN812	K-1
CN813	D-14
CN814	A-14
CN815	F-1
CN816	F-1
E1	A-2
E2	A-12
E3	E-2
E4	H-14
E5	L-5
E6	L-9
IC101	F-4
IC102	F-4
IC103	G-4
IC104	G-4
IC105	G-4
IC106	G-4
IC107	H-4
IC108	H-4
IC109	J-4
IC110	J-4
IC111	K-4
IC112	K-4
IC113	K-4
IC114	K-4
IC115	L-4
IC116	L-4
ICA	A-9
ICB3	B-3
ICB4	B-4
ICB5	B-5
ICB6	B-6
ICB7	B-7
ICB8	B-8
ICB9	B-9
ICB10	B-10
ICB11	B-11
ICB12	B-13
ICC1	C-1
ICC2	C-2
ICC3	C-3
ICC4	C-4
ICC5	C-5
ICC6	C-6
ICC8	C-8
ICC9	C-9
ICC10	C-10
ICC11	C-11
ICC12	C-12
ICC13	C-13
ICD1	D-1
ICD2	D-2
ICD3	D-3
ICD4	D-4
ICD5	D-5
ICD6	D-6
ICD7	D-7
ICD9	D-9
ICD10	D-10
ICD11	D-11
ICD12	D-12
ICD13	D-13
ICE1	E-1
ICE2	E-2
ICE3	E-3
ICE4	E-4
ICE6	E-6
ICE7	E-7
ICE8	E-8
ICE9	E-9
ICE10	E-10
ICE11	E-11
ICE12	E-12
ICE13	E-13
ICE14	E-14
ICF1	F-1
ICF5	F-5
ICF7	F-7
ICF8	F-8
ICF9	F-9
ICF10	F-10
ICF11	F-11
ICF12	F-12
ICF13	F-13
ICF14	F-14
ICG5	G-5
ICG6	G-6
ICG7	G-7
ICG8	G-8
ICG9	G-9
ICG10	G-10
ICG11	G-11
ICG12	G-12
ICG13	G-13
ICG14	G-14
ICH5	H-5
ICH6	H-6
ICH7	H-7
ICH9	H-9
ICH10	H-10
ICH11	H-11
ICH12	H-12
ICJ5	J-5
ICJ6	J-6
ICJ7	J-7
ICJ9	J-9
ICJ10	J-10
ICJ11	J-11
ICJ13	J-13
ICJ14	J-14
ICK5	k-5
ICK6	K-6
ICK7	K-7
ICK8	K-8
ICK9	K-9
ICK10	K-10
ICK11	K-11
ICK14	K-14
ICL5	L-5
ICL6	L-6
ICL7	L-7
ICL8	L-8
ICL9	L-9
ICL11	L-11
ICL12	L-12
RB1	C-7
RB2	G-3
RB3	G-3
RB4	F-13
RB5	F-14
RB6	G-12
RB7	G-13
RB8	G-14
RB9	J-13
RB10	J-14
RB11	K-14
RB12	L-3
RB13	L-3
RB14	L-5
RB15	L-7
RB16	L-10
RB17	L-11
RB18	L-12
RB19	L-14
TP1	B-2
TP2	C-1
TP3	C-2
TP4	C-3
TP5	C-9
TP6	C-11
TP7	C-12
TP8	D-1
TP9	D-5
TP10	D-12
TP11	E-4
TP12	E-5
TP13	E-11
TP14	F-8
TP15	G-11
TP16	H-5
TP17	L-4
TP18	L-8
X1	B-14

RM-59 BOARD (1-627-126-12) S/N: 10301 AND HIGHER
Component Side


A
B
C
D
E
F
G
H
J
K
1
2
3
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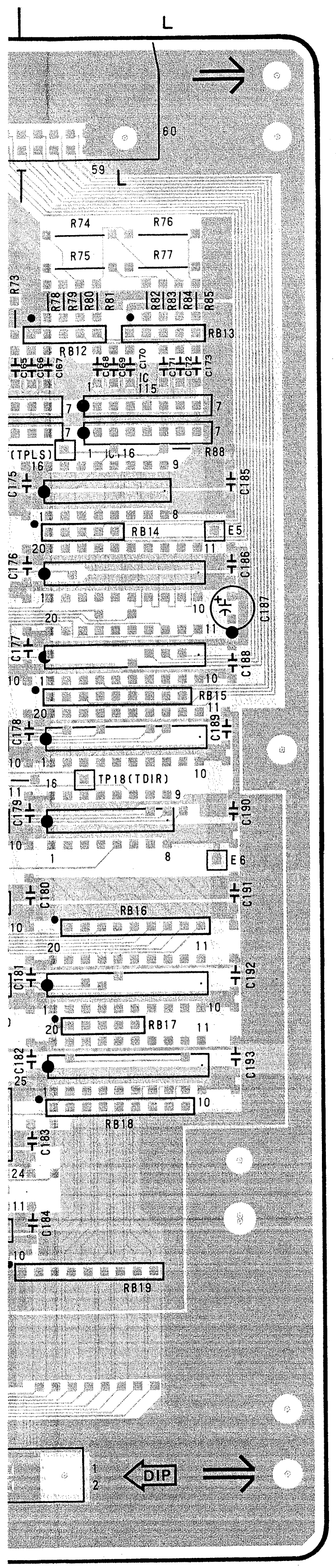
6
7
8
9
10
11
12
13
14
CN816
CN815
CN812
CN814
CN813
CN811
CN810
TP1 (DCLK)
TP2 (BITCLT)
TP3 (CK16M)
TP4 (RSAD)
TP5 (TCWR)
TP6 (TDIR)
TP7 (XACS)
TP8 (+5)
TP9 (SDATA)
TP10 (+5)
TP11 (M/S)
TP12 (SYNC)
TP13 (RPBTC)
TP14 (TCREQ)
TP15 (+5)
TP16 (+5)
TP17 (TPLS)
IC102
IC104
IC106
IC108
IC110
IC112
IC114
RB1
RB2
RB3
RB4
RB5
RB6
RB7
RB8
RB9
RB10
RB11
RB12
JP2
JP3
JP4
X1
E1
E2
E3
E4
RM-59 1-627-126-12
SONY
MADE IN JAPAN
LOT NO.

▨ SOLDER SIDE PATTERN

REMOTE CONTROL UNIT   RM-59 BOARD


L
60
59
R74
R76
R75
R77
R73
R78
R79
R80
R81
R82
R83
R84
R85
RB13
RB12
RB14
E5
RB15
TP18(TDIR)
E6
RB16
RB17
RB18
RB19
(TPLS)
IC 16
R88
C175
C176
C177
C178
C179
C180
C181
C182
C183
C184
C185
C186
C187
C188
C189
C190
C191
C192
C193
DIP

CN810	J-14
CN811	F-14
CN812	K-1
CN813	D-14
CN814	A-14
CN815	F-1
CN816	F-1
E1	A-2
E2	A-12
E3	E-2
E4	H-14
E5	L-5
E6	L-9
IC101	F-4
IC102	F-4
IC103	G-4
IC104	G-4
IC105	G-4
IC106	G-4
IC107	H-4
IC108	H-4
IC109	J-4
IC110	J-4
IC111	K-4
IC112	K-4
IC113	K-4
IC114	K-4
IC115	L-4
IC116	L-4
ICA	A-9
ICB3	B-3
ICB4	B-4
ICB5	B-5
ICB6	B-6
ICB7	B-7
ICB8	B-8
ICB9	B-9
ICB10	B-10
ICB11	B-11
ICB12	B-13
ICC1	C-1
ICC2	C-2
ICC3	C-3
ICC4	C-4
ICC5	C-5
ICC6	C-6
ICC8	C-8
ICC9	C-9
ICC10	C-10
ICC11	C-11
ICC12	C-12
ICC13	C-13
ICD1	D-1
ICD2	D-2
ICD3	D-3
ICD4	D-4
ICD5	D-5
ICD6	D-6
ICD7	D-7
ICD9	D-9
ICD10	D-10
ICD11	D-11
ICD12	D-12
ICD13	D-13

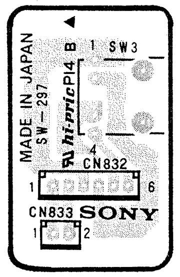
ICE1	E-1
ICE2	E-2
ICE3	E-3
ICE4	E-4
ICE6	E-6
ICE7	E-7
ICE8	E-8
ICE9	E-9
ICE10	E-10
ICE11	E-11
ICE12	E-12
ICE13	E-13
ICE14	E-14
ICF1	F-1
ICF5	F-5
ICF7	F-7
ICF8	F-8
ICF9	F-9
ICF10	F-10
ICF11	F-11
ICF12	F-12
ICF13	F-13
ICF14	F-14
ICG5	G-5
ICG6	G-6
ICG7	G-7
ICG8	G-8
ICG9	G-9
ICG10	G-10
ICG11	G-11
ICG12	G-12
ICG13	G-13
ICG14	G-14
ICH5	H-5
ICH6	H-6
ICH7	H-7
ICH9	H-9
ICH10	H-10
ICH11	H-11
ICH12	H-12
ICJ5	J-5
ICJ6	J-6
ICJ7	J-7
ICJ9	J-9
ICJ10	J-10
ICJ11	J-11
ICJ13	J-13
ICJ14	J-14
ICK5	k-5
ICK6	K-6
ICK7	K-7
ICK8	K-8
ICK9	K-9
ICK10	K-10
ICK11	K-11
ICK14	K-14
ICL5	L-5
ICL6	L-6
ICL7	L-7
ICL8	L-8
ICL9	L-9
ICL11	L-11
ICL12	L-12

RB1	C-7
RB2	G-3
RB3	G-3
RB4	F-13
RB5	F-14
RB6	G-12
RB7	G-13
RB8	G-14
RB9	J-13
RB10	J-14
RB11	K-14
RB12	L-3
RB13	L-3
RB14	L-5
RB15	L-7
RB16	L-10
RB17	L-11
RB18	L-12
RB19	L-14
TP1	B-2
TP2	C-1
TP3	C-2
TP4	C-3
TP5	C-9
TP6	C-11
TP7	C-12
TP8	D-1
TP9	D-5
TP10	D-12
TP11	E-4
TP12	E-5
TP13	E-11
TP14	F-8
TP15	G-11
TP16	H-5
TP17	L-4
TP18	L-8
X1	B-14

Applied Serial No. 20701 and higher	
Jumpers that have been solder or cut.	① (See the board.) ② (See the board.) ICC13-2 ⋇ T.H. ICC13-1 ⋇ ICC13-2 ICC13-1 — ICC13-14 ICC13-2 — ICE6-3 ICE6-1 — ICE8-6 ICC13-5 — ICD10-9

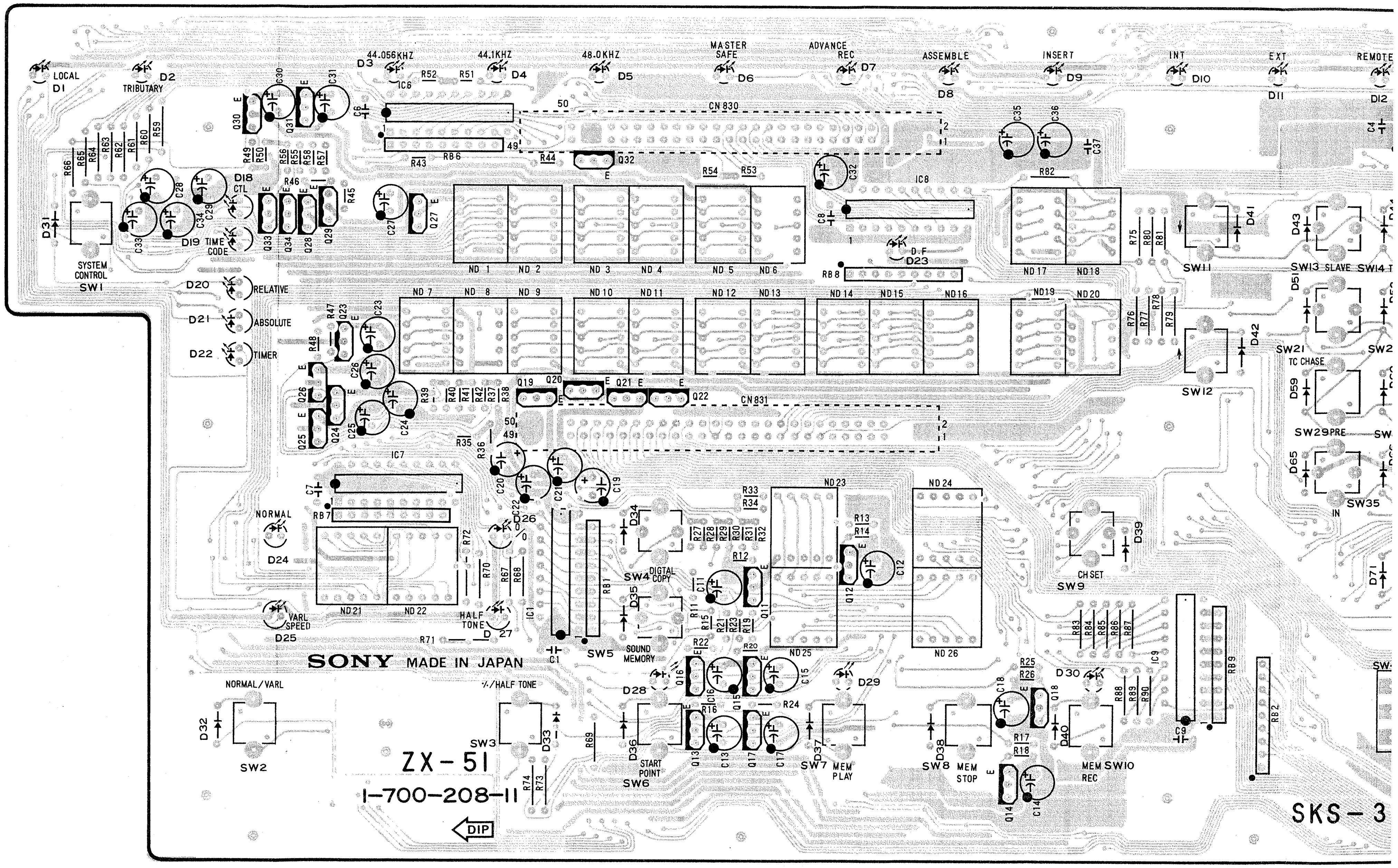
REMOTE CONTROL UNIT SKS-3/SW-297 BOARD

SW-297 BOARD (1-627-132-11)
Component Side

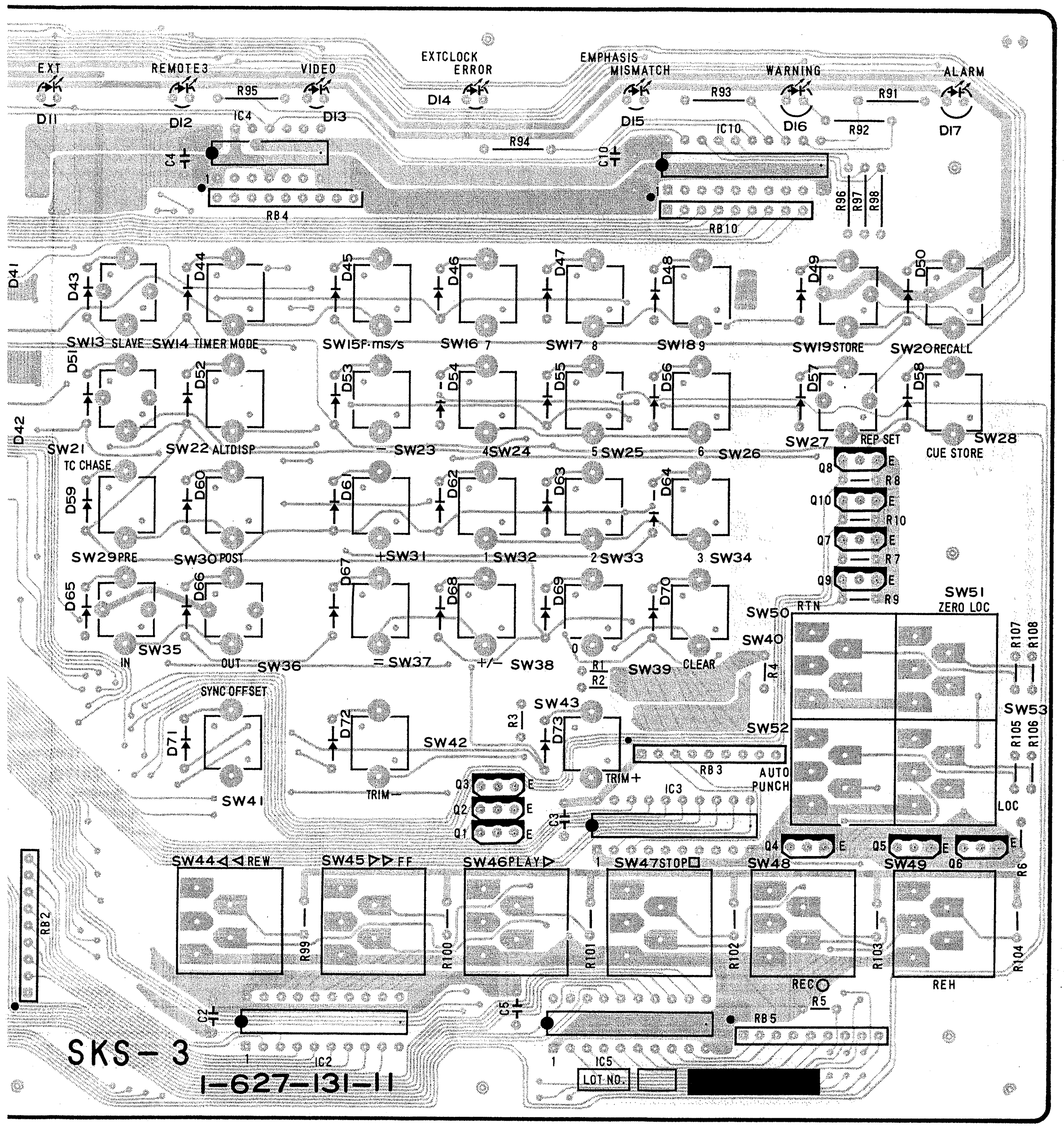

MADE IN JAPAN
SW-297
SW3
CN832
CN833
SONY
B
1
4
6
2

※ SOLDER SIDE PATTERN

SKS-3 BOARD (1-627-131-11)
Component Side


LOCAL D1
D2 TRIBUTARY
44.056KHZ D3
44.1KHZ D4
48.0KHZ D5
MASTER SAFE D6
ADVANCE REC D7
ASSEMBLE D8
INSERT D9
INT D10
EXT D11
REMOTE D12
IC6
CN830
CN831
IC7
IC8
IC9
IC1
SYSTEM CONTROL SW1
D18 CTL
D19 TIME CODE
D20 RELATIVE
D21 ABSOLUTE
D22 TIMER
D23 D.F
NORMAL D24
VARI SPEED D25
HALF TONE D27
D26
ND 1
ND 2
ND 3
ND 4
ND 5
ND 6
ND 7
ND 8
ND 9
ND 10
ND 11
ND 12
ND 13
ND 14
ND 15
ND 16
ND 17
ND 18
ND 19
ND 20
ND 21
ND 22
ND 23
ND 24
ND 25
ND 26
SW4 DIGITAL COPY
SW5 SOUND MEMORY
SW6 START POINT
SW7 MEM PLAY
SW8 MEM STOP
SW9 CH SET
SW10 MEM REC
SW11
SW12
SW13 SLAVE
SW21 TC CHASE
SW29 PRE
SW35 IN
NORMAL/VARI SW2
+/-/HALF TONE SW3
SONY MADE IN JAPAN
ZX-51
1-700-208-11
DIP
SKS-3

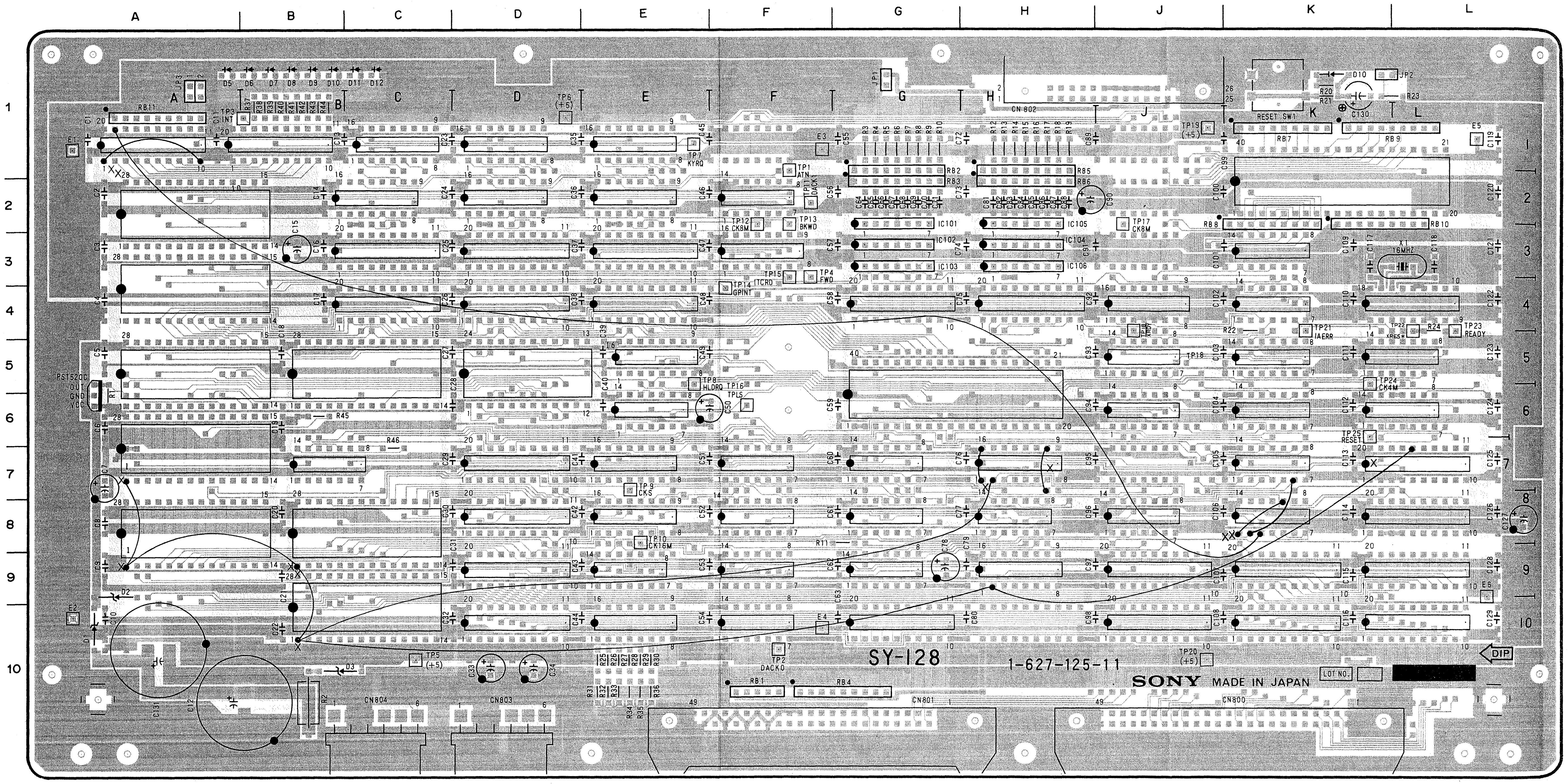
※ SOLDER SIDE PATTERN


EXT
REMOTE3
VIDEO
EXTCLOCK ERROR
EMPHASIS MISMATCH
WARNING
ALARM
D11
D12
D13
D14
D15
D16
D17
R95
IC4
R93
R91
R92
R94
IC10
C4
C10
RB4
RB10
R96
R97
R98
D41
D42
D43
D44
D45
D46
D47
D48
D49
D50
SW13 SLAVE
SW14 TIMER MODE
SW15 F·ms/s
SW16 7
SW17 8
SW18 9
SW19 STORE
SW20 RECALL
D51
D52
D53
D54
D55
D56
D57
D58
SW21 TC CHASE
SW22 ALTDISP
— SW23
4 SW24
5 SW25
6 SW26
SW27 REP SET
CUE STORE SW28
Q8
R8
Q10
R10
Q7
R7
Q9
R9
D59
D60
D61
D62
D63
D64
SW29 PRE
SW30 POST
+ SW31
1 SW32
2 SW33
3 SW34
D65
D66
D67
D68
D69
D70
SW35 IN
OUT SW36
= SW37
+/- SW38
0 SW39
CLEAR
SW40
SW50 RTN
SW51 ZERO LOC
R1
R2
R4
R107
R108
SYNC OFFSET
D71
D72
D73
SW41
SW42
TRIM–
SW43
R3
TRIM+
SW52
RB3
AUTO PUNCH
SW53
R105
R106
LOC
Q3
Q2
Q1
E
C3
IC3
Q4
Q5
Q6
R6
SW44 ◁◁ REW
SW45 ▷▷ FF
SW46 PLAY ▷
SW47 STOP □
SW48
SW49
RB2
R99
R100
R101
R102
R103
R104
REC
REH
R5
RB5
C2
C5
IC2
IC5
LOT NO.
SKS-3
1-627-131-11

REMOTE CONTROL UNIT SY-128/128A BOARD

SY-128/128A BOARD (1-627-125-11) S/N: 10001 TO 10300

Component Side



A
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J
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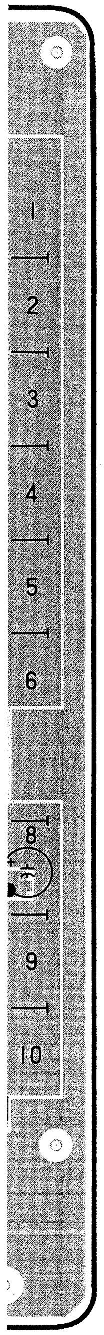
SY-128
1-627-125-11
SONY MADE IN JAPAN
LOT NO.
DIP
CN800
CN801
CN802
CN803
CN804
RESET SW1
X1 16MHZ
PST520C
TP1 ATN
TP2 DACKO
TP4 FWD
TP5 (+5)
TP6 (+5)
TP7 KYRQ
TP8 HLDRQ
TP9 CKS
TP10 CK16M
TP11 DACK
TP12 CK8M
TP13 BKWD
TP14 GPINT
TP15 TCRD
TP16 TPLS
TP17 CK8M
TP18
TP19 (+5)
TP20 (+5)
TP21 IAERR
TP22 KRES
TP23 READY
TP24 CK4M
TP25 RESET
IC101
IC102
IC103
IC104
IC105
IC106

▨ SOLDER SIDE PATTERN



Applied Serial No. Up to 10300	
Jumpers that have been soldered or cut.	ICA7-1 -×- VCC ICA8-1 -×- VCC ICC8-1 -×- VCC ICC10-1 -×- VCC ICH7-1 -×- ICH9-2 ICH7-9 -×- ICG7-5 ICK8-1 -×- GND ICK8-2 -×- GND ICL7-16 -×- T.H. ICA1-1 — ICA1-10 ICA8-1 — ICA7-1 ICC8-1 — ICA8-1 ICC10-1 — ICC8-1 ICC10-1 — ICH7-2 ICH7-1 — ICH7-16 ICH7-10 — T.H. ICH9-2 — ICC10-1 ICK7-6 — ICK8-2 ICK8-3 — ICA1-19 ICK8-10 — ICK8-1 ICL7-16 — ICH9-2

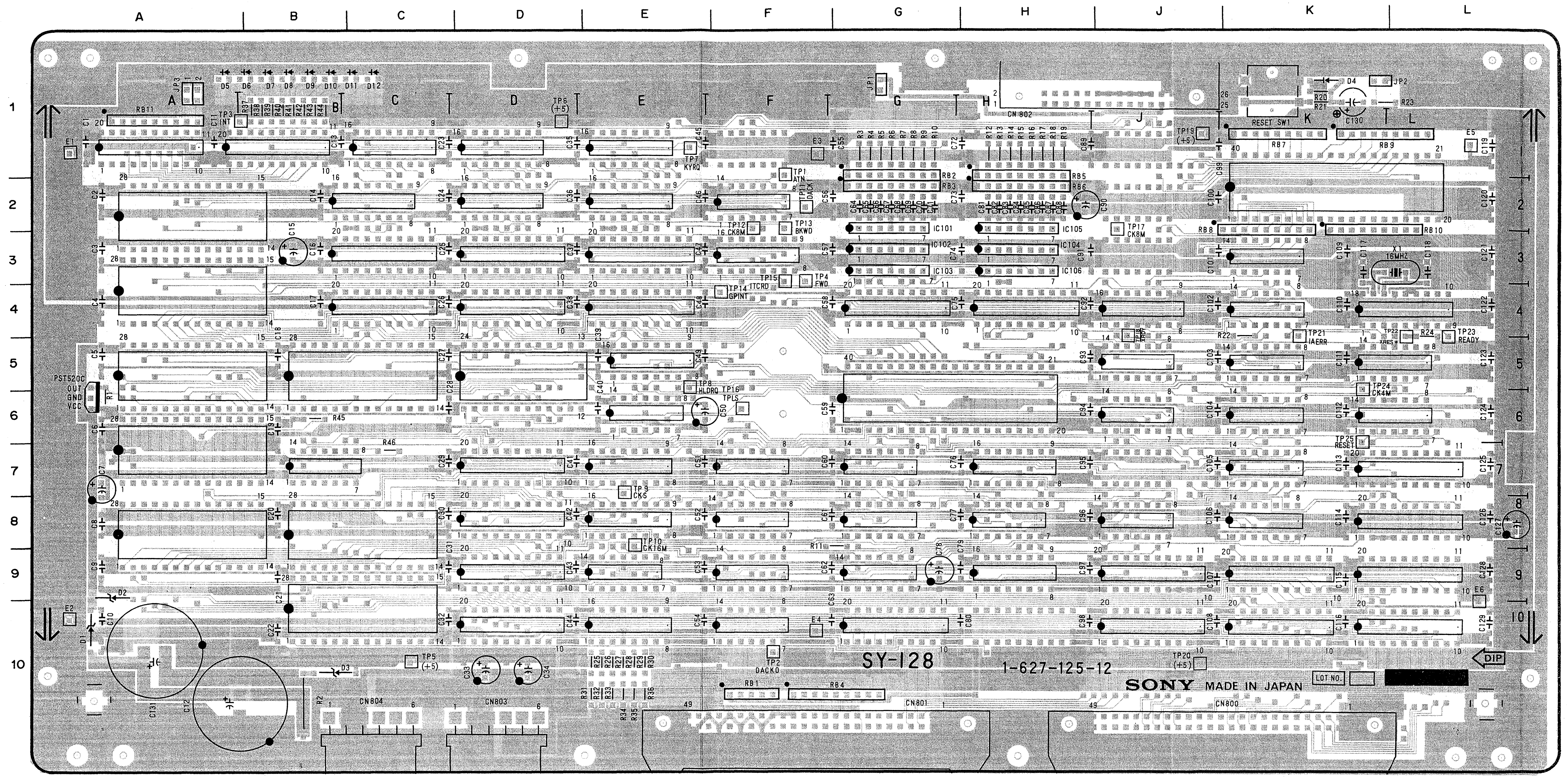
T.H. = Through hole

CN800	K-10
CN801	G-10
CN802	H-2
CN803	D-10
CN804	C-10
D1	A-10
D2	A-9
D3	B-10
D5	A-1
D6	B-1
D7	B-1
D8	B-1
D9	B-1
D10	B-1
D10	K-1
D11	C-1
D12	C-1
E1	A-1
E2	A-10
E3	F-1
E4	F-10
E5	L-1
E6	L-9
IC101	G-2
IC102	G-3
IC103	G-3
IC104	H-3
IC105	H-2
IC106	H-3
ICA1	A-1
ICA2	A-2
ICA4	A-4
ICA5	A-5
ICA7	A-7
ICA8	A-8
ICB1	B-1
ICB7	B-7
ICC1	C-1
ICC2	C-2
ICC3	C-3
ICC4	C-4
ICC5	C-5
ICC8	C-8
ICC10	C-10
ICD1	D-1
ICD2	D-2
ICD3	D-3
ICD4	D-4
ICD5	D-5
ICD7	D-7
ICD8	D-8
ICD9	D-9
ICD10	D-10
ICE1	E-1
ICE2	E-2
ICE3	E-3
ICE4	E-4
ICE5	E-5
ICE6	E-6
ICE7	E-7
ICE8	E-8
ICE9	E-9
ICE10	E-10
ICF2	F-2
ICF3	F-3
ICF7	F-7
ICF8	F-8
ICF9	F-9
ICF10	F-10
ICG4	G-4
ICG6	G-6
ICG7	G-7
ICG8	G-8
ICG9	G-9
ICG10	G-10
ICH4	H-4
ICH7	H-7
ICH8	H-8
ICH9	H-9
ICJ4	J-4
ICJ5	J-5
ICJ6	J-6
ICJ8	J-8
ICJ9	J-9
ICJ10	J-10
ICK2	K-2
ICK3	K-3
ICK4	K-4
ICK5	K-5
ICK6	K-6
ICK7	K-7
ICK8	K-8
ICK9	K-9
ICK10	K-10
ICL4	L-4
ICL5	L-5
ICL6	L-6
ICL7	L-7
ICL8	L-8
ICL9	L-9
ICL10	L-10
PST520C	A-6
RB1	F-10
RB2	G-2
RB3	G-2
RB4	G-10
RB5	H-2
RB6	H-2
RB7	K-1
RB8	K-2
RB9	K-1
RB10	K-2
RB11	A-1
SW1	K-1
TP1	F-1
TP2	F-10
TP3	B-1
TP4	F-3
TP5	C-10
TP6	D-1
TP7	E-1
TP8	E-5
TP9	E-7
TP10	E-8
TP11	F-2
TP12	F-2
TP13	F-2
TP14	F-4
TP15	F-3
TP16	F-6
TP17	J-2
TP18	J-4
TP19	J-1
TP20	J-10
TP21	K-4
TP22	L-4
TP23	L-4
TP24	K-5
TP25	K-6
X1	L-3

REMOTE CONTROL UNIT SY-128/128A BOARD

SY-128/128A BOARD (1-627-125-12)
Component Side

S/N: 10301 TO 12803.
S/N: 20001 AND HIGHER



A
B
C
D
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G
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J
K
L
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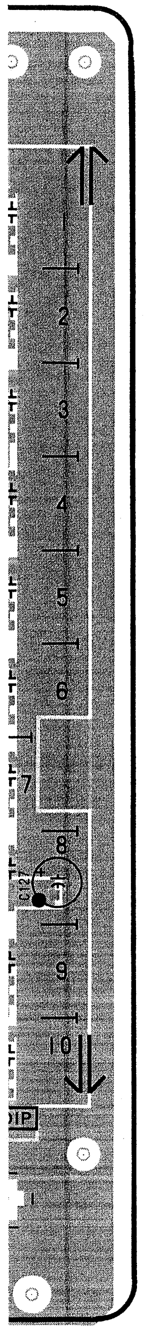
9
10
CN 802
RESET SW1
X1 16MHZ
TP1 ATN
TP3 INT
TP4 FWD
TP5 (+5)
TP6 (+5)
TP7 KYRQ
TP8 HLDRQ
TP9 CKS
TP10 CK16M
TP12 CK8M
TP13 BKWD
TP14 GPINT
TP15 TTCRD
TP17 CK8M
TP19 (+5)
TP20 (+5)
TP21 IAERR
TP23 READY
TP24 CK4M
TP25 RESET
TP2 DACK0
IC101
IC102
IC103
IC104
IC105
IC106
PST520C
OUT
GND
VCC
CN804
CN803
CN801
CN800
SY-128
1-627-125-12
SONY MADE IN JAPAN
LOT NO.
DIP

▩ SOLDER SIDE PATTERN

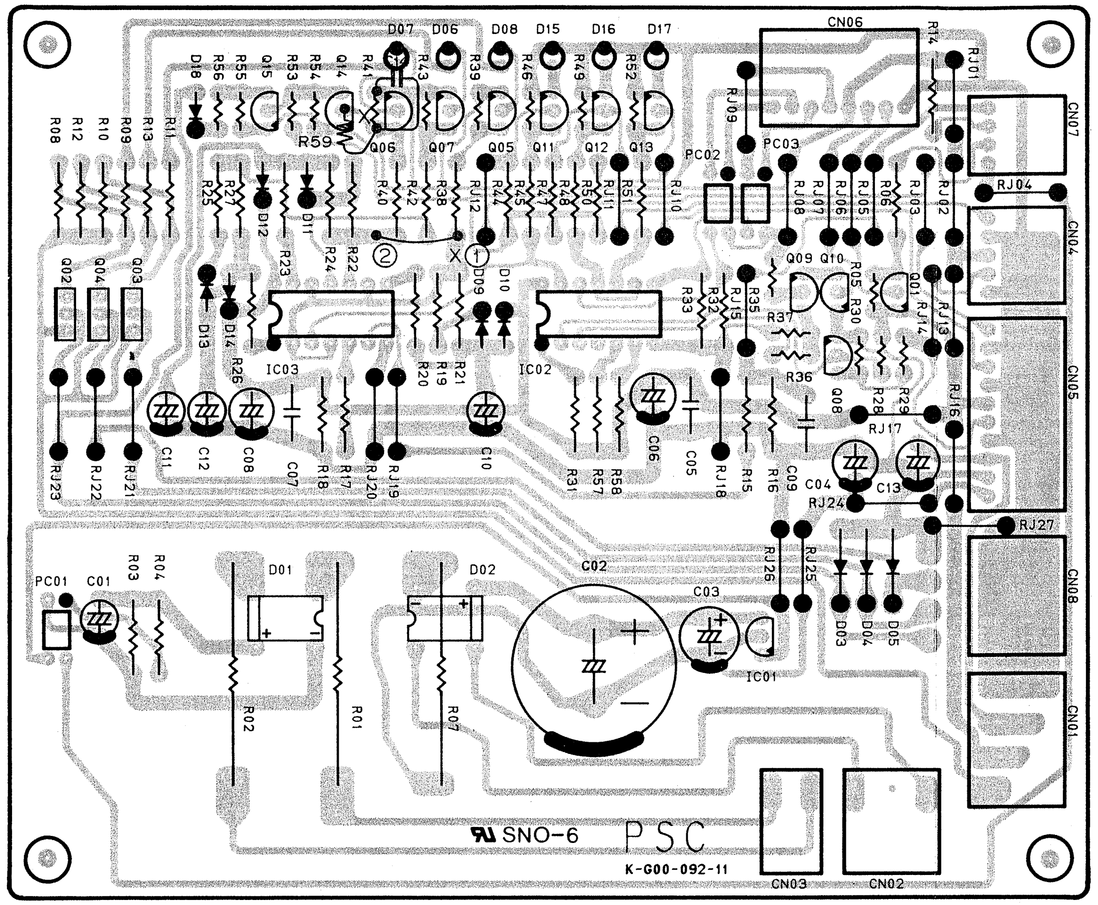


CN800	K-10
CN801	G-10
CN802	H-1
CN803	D-10
CN804	C-10
D1	A-10
D2	A-9
D3	B-10
D4	K-1
D5	A-1
D6	B-1
D7	B-1
D8	B-1
D9	B-1
D10	B-1
D10	K-1
D11	C-1
D12	C-1
E1	A-1
E2	A-10
E3	F-1
E4	F-10
E5	L-1
E6	L-9
IC101	G-2
IC102	G-3
IC103	G-3
IC104	H-3
IC105	H-2
IC106	H-3
ICA1	A-1
ICA2	A-2
ICA4	A-4
ICA5	A-5
ICA7	A-7
ICA8	A-8
ICB1	B-1
ICB7	B-7
ICC1	C-1
ICC2	C-2
ICC3	C-3
ICC4	C-4
ICC5	C-5
ICC8	C-8
ICC10	C-10
ICD1	D-1
ICD2	D-2
ICD3	D-3
ICD4	D-4
ICD5	D-5
ICD7	D-7
ICD8	D-8
ICD9	D-9
ICD10	D-10
ICE1	E-1
ICE2	E-2
ICE3	E-3
ICE4	E-4
ICE5	E-5
ICE6	E-6
ICE7	E-7
ICE8	E-8
ICE9	E-9
ICE10	E-10
ICF2	F-2
ICF3	F-3
ICF7	F-7
ICF8	F-8
ICF9	F-9
ICF10	F-10
ICG4	G-4
ICG6	G-6
ICG7	G-7
ICG8	G-8
ICG9	G-9
ICG10	G-10
ICH4	H-4
ICH7	H-7
ICH8	H-8
ICH9	H-9
ICJ4	J-4
ICJ5	J-5
ICJ6	J-6
ICJ8	J-8
ICJ9	J-9
ICJ10	J-10
ICK2	K-2
ICK3	K-3
ICK4	K-4
ICK5	K-5
ICK6	K-6
ICK7	K-7
ICK8	K-8
ICK9	K-9
ICK10	K-10
ICL4	L-4
ICL5	L-5
ICL6	L-6
ICL7	L-7
ICL8	L-8
ICL9	L-9
ICL10	L-10
PST520C	A-6
RB1	F-10
RB2	G-2
RB3	G-2
RB4	G-10
RB5	H-2
RB6	H-2
RB7	K-1
RB8	K-2
RB9	K-1
RB10	K-2
RB11	A-1
SW1	K-1
TP1	F-1
TP2	F-10
TP3	B-1
TP4	F-3
TP5	C-10
TP6	D-1
TP7	E-1
TP8	E-5
TP9	E-7
TP10	E-8
TP11	F-2
TP12	F-2
TP13	F-2
TP14	F-4
TP15	F-3
TP16	F-6
TP17	J-2
TP18	J-4
TP19	J-1
TP20	J-10
TP21	K-4
TP22	L-4
TP23	L-4
TP24	K-5
TP25	K-6
X1	L-3

POWER SUPPLY A, B BOARD

A BOARD (PSC)
(K-G00-092-11)
Component Side

S/N; 10001 TO 10400


CN06
CN07
CN04
CN05
CN08
CN01
CN03
CN02
IC01
IC02
IC03
C02
D01
D02
R59
PC01
PC02
PC03
SNO-6
PSC
K-G00-092-11

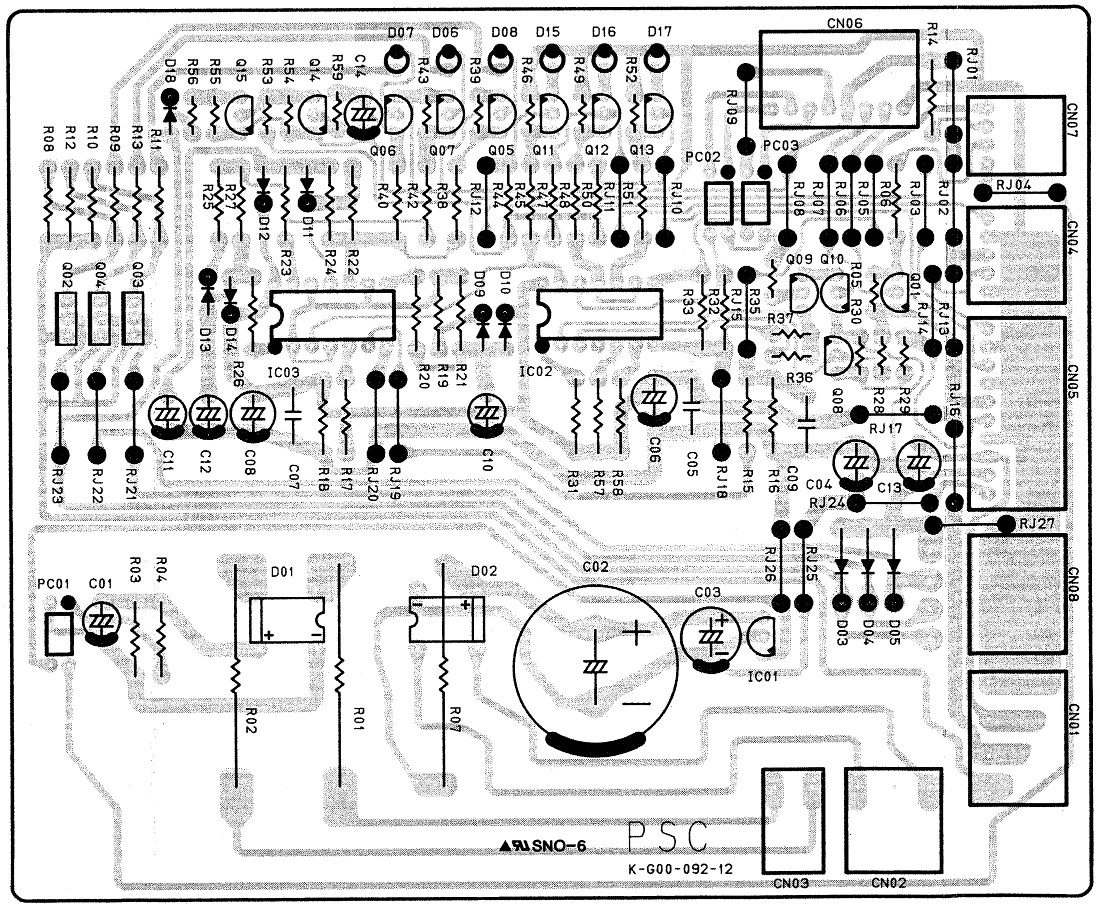
▩ SOLDER SIDE PATTERN

A BOARD

Applied Serial No. Up to 10400	
Jumpers that have been soldered or cut.	Q14 Collector ⟶ Q6 Base ① (See the board.) ② (See the board.)
Parts that have been added.	R59
Parts that have been changed.	R41 → C14

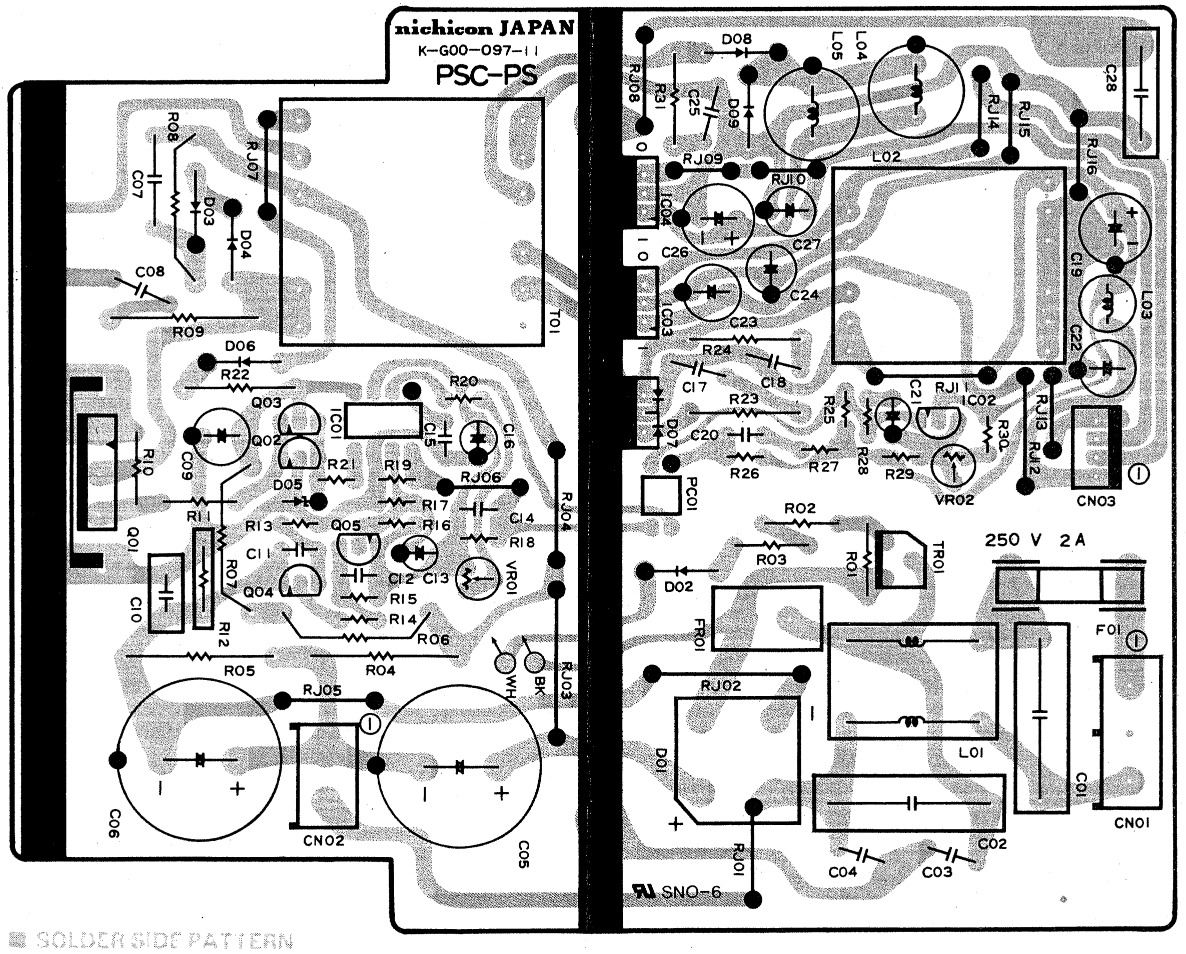
A BOARD (PSC)
(K-G00-092-12)
Component Side

S/N; 10401 AND HIGHER


CN06
CN07
CN04
CN05
CN08
CN01
CN03
CN02
IC01
IC02
IC03
C02
D01
D02
PC01
PC02
PC03
SNO-6
PSC
K-G00-092-12

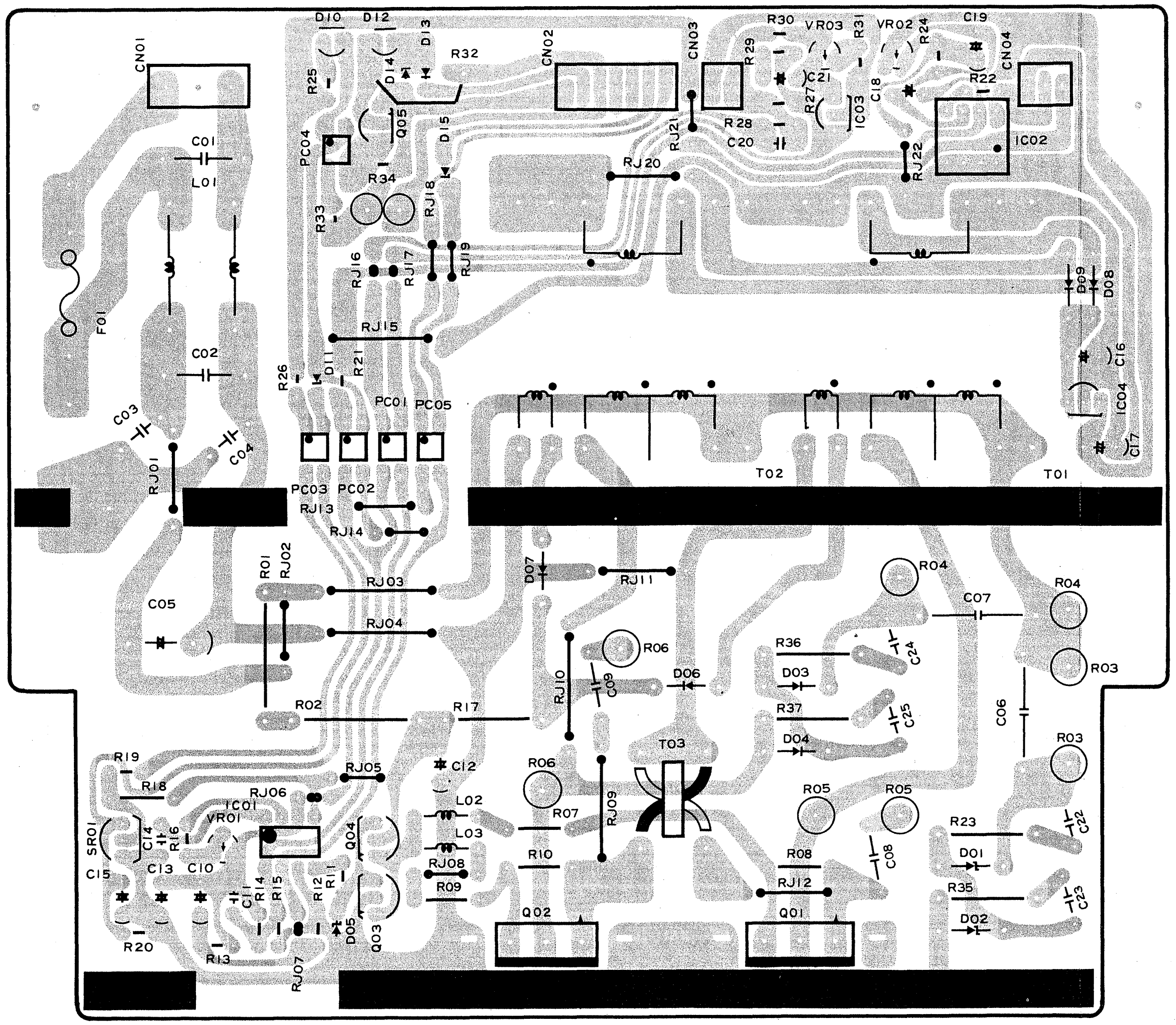
▩ SOLDER SIDE PATTERN

B BOARD (PSC-PS)
(K-G00-097-11)
Solder Side


nichicon JAPAN
K-G00-097-11
PSC-PS
T01
L01
L02
L03
L04
L05
IC01
IC02
IC03
IC04
CN01
CN02
CN03
C05
C06
VR01
VR02
250 V 2A
F01
FR01
TR01
SNO-6

▩ SOLDER SIDE PATTERN

C BOARD (CH1)
(K-G00-096-12)
Solder Side

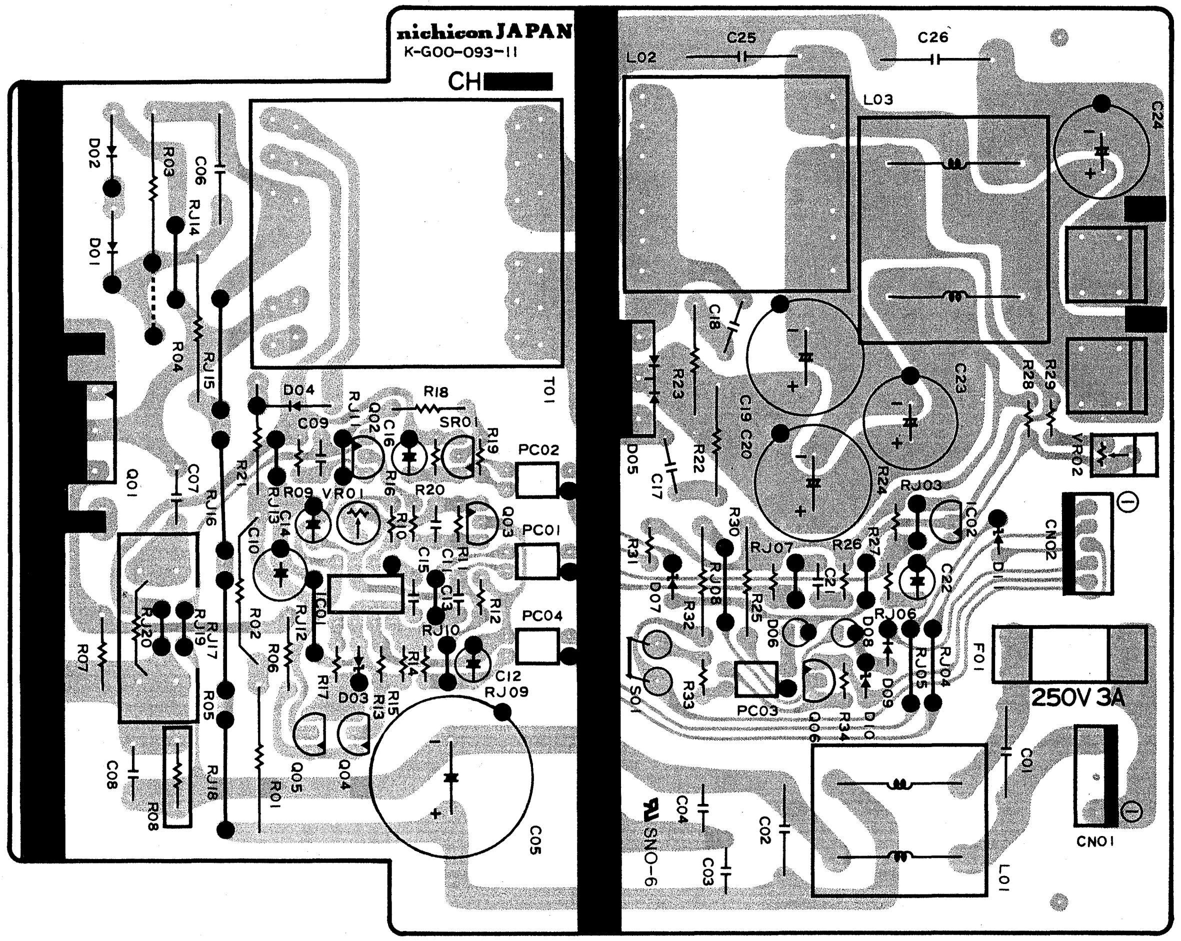

CN01
C01
L01
F01
C02
C03
C04
RJ01
C05
D10
D12
D13
R32
R25
D14
Q05
D15
PC04
R34
R33
RJ18
RJ16
RJ17
RJ19
RJ15
R26
D11
R21
PC01
PC05
PC03
PC02
RJ13
RJ14
CN02
CN03
R29
RJ21
R28
C20
RJ20
R30
VR03
R31
VR02
R24
C19
CN04
C21
R27
IC03
C18
R22
IC02
RJ22
D09
D08
C16
IC04
C17
T02
T01
R01
RJ02
RJ03
RJ04
D07
RJ11
R04
C07
R04
R03
R06
R36
C24
D03
D06
RJ10
C09
R37
C25
D04
C06
R03
R02
R17
T03
R19
R18
RJ05
C12
RJ06
IC01
VR01
SR01
C14
R16
C15
C13
C10
C11
R14
R15
R12
R11
Q04
L02
L03
RJ08
R09
R06
R07
R10
RJ09
Q02
R05
R05
R08
RJ12
Q01
C08
R23
C22
D01
R35
C23
D02
D05
Q03
R20
R13
RJ07

■ SOLDER SIDE PATTERN

POWER SUPPLY D, E, F, G, T, U BOARD

S/N;10103 TO 10200
10203 TO 10300

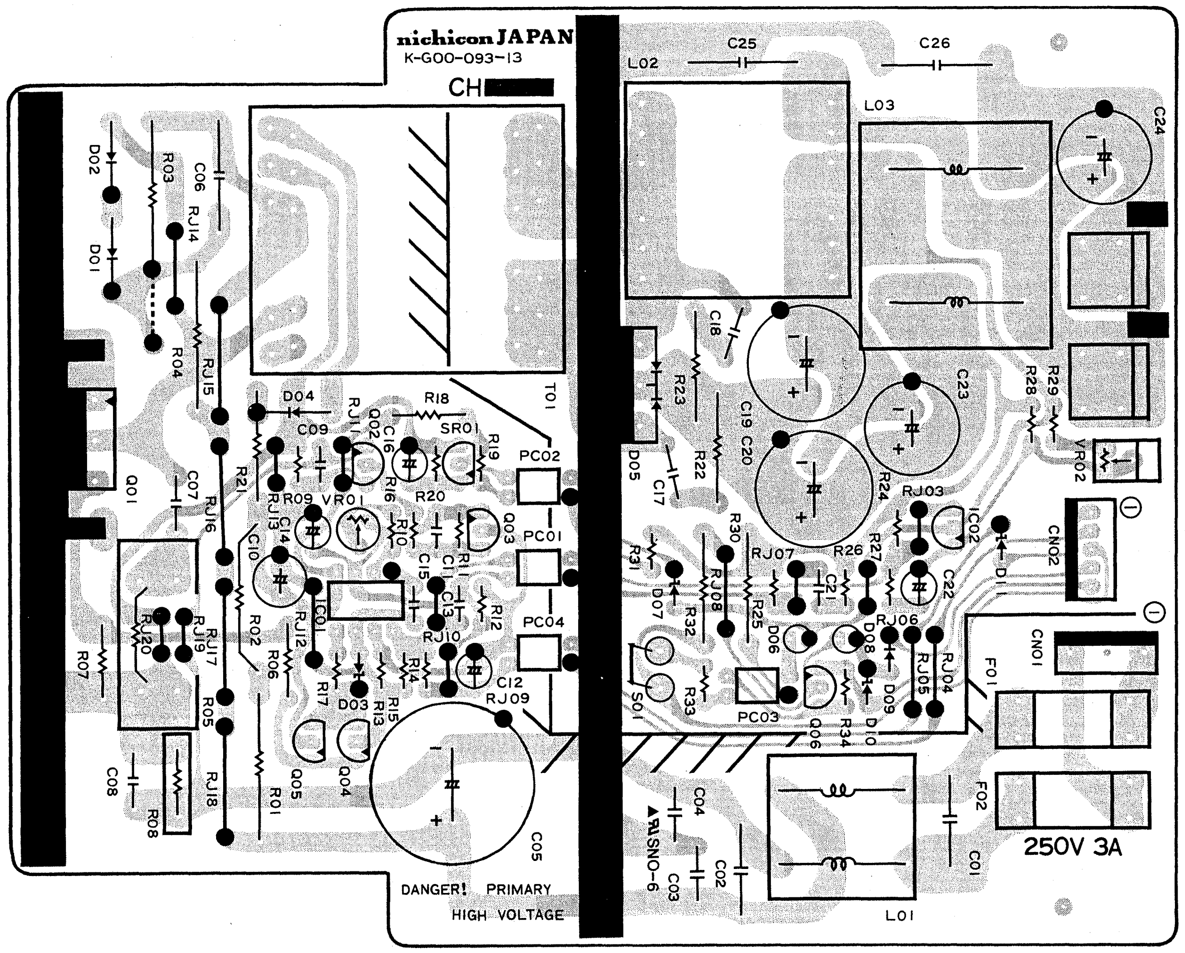
D BOARD (CH2, 3)
E BOARD (CH4)
F BOARD (CH5, 6)
G BOARD (CH7, 8)
T BOARD (CH11)
U BOARD (CH12)
(K-G00-093-11)
Solder Side


nichicon JAPAN
K-G00-093-11
CH
D02
D01
R03
C06
RJ14
R04
RJ15
Q01
C07
RJ16
R21
D04
RJ11
R18
Q02
C09
C16
SR01
R19
T01
PC02
R09
VR01
R16
R20
RJ13
C14
R10
C15
C11
R11
Q03
PC01
C10
IC01
C13
R12
RJ12
RJ10
PC04
R02
R06
R17
D03
R14
R15
C12
RJ09
R13
RJ20
RJ19
RJ17
R07
R05
Q05
Q04
R01
C08
R08
RJ18
C05
L02
C25
C26
L03
C24
C18
R23
D05
C19
C20
R22
C17
C23
R28
R29
VR02
R24
RJ03
IC02
CN02
R30
RJ07
R26
R27
C22
R31
D07
RJ08
R32
R25
C21
D06
D08
RJ06
RJ04
RJ05
D11
F01
250V 3A
S01
R33
PC03
Q06
R34
D09
D10
C01
C04
C02
C03
SNO-6
L01
CN01

▨ SOLDER SIDE PATTERN

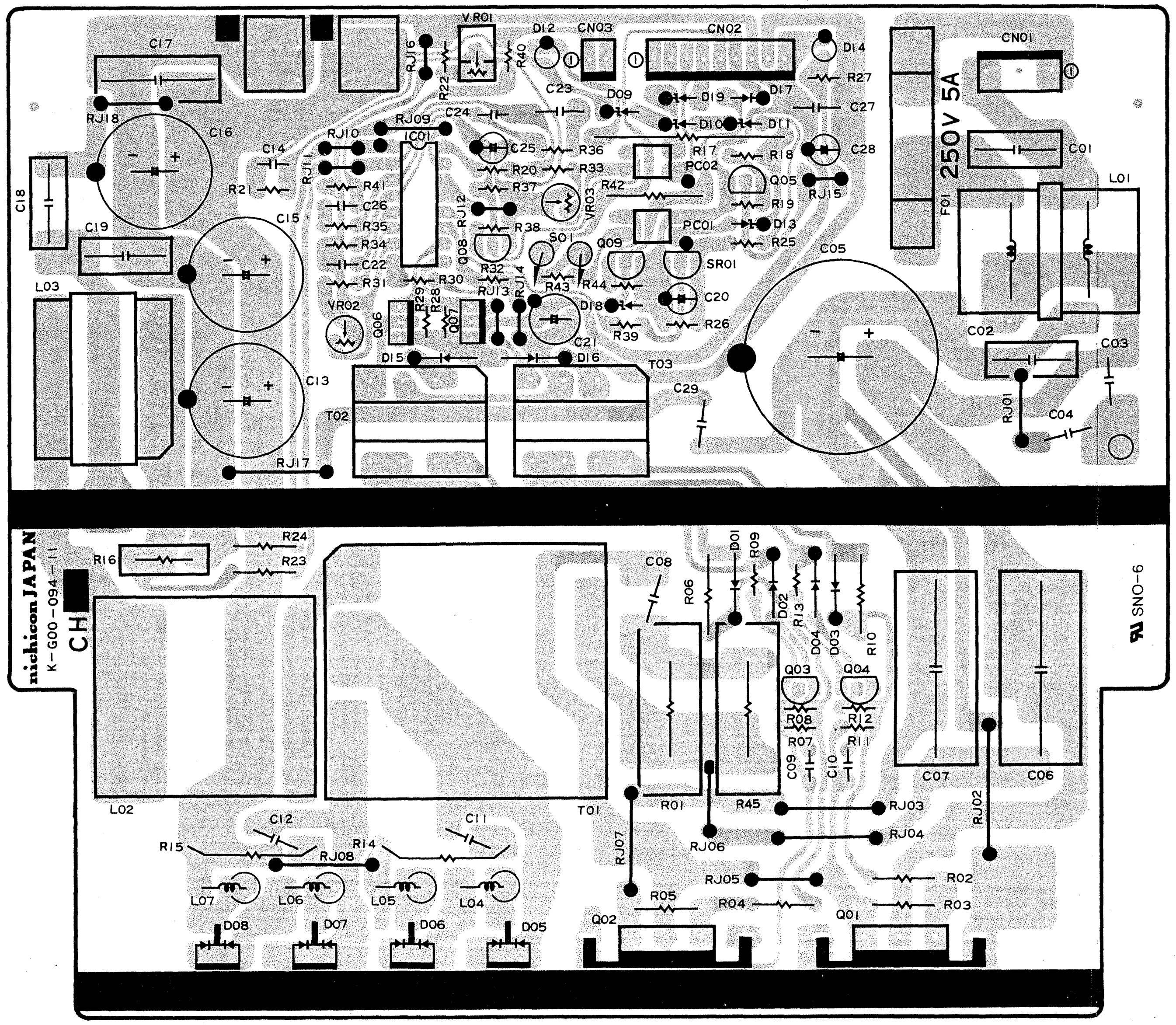
S/N:10101, 10102, 10201, 10202,
10301 AND HIGHER

D BOARD (CH2, 3)
E BOARD (CH4)
F BOARD (CH5, 6)
G BOARD (CH7, 8)
T BOARD (CH11)
U BOARD (CH12)
(K-G00-093-13)
Solder Side


nichicon JAPAN
K-G00-093-13
CH
L02
C25
C26
L03
C24
D02
R03
C06
RJ14
D01
R04
RJ15
T01
C18
C19
C20
C23
R23
R22
R28
R29
VR02
D04
R18
SR01
RJ11
C09
Q02
C16
R19
PC02
C17
D05
Q01
C07
R21
RJ16
RJ13
R09
VR01
R16
R20
Q03
PC01
R24
RJ03
IC02
CN02
D11
R31
R30
RJ07
R26
R27
C21
C22
C10
C14
R10
IC01
C15
C11
C13
R12
PC04
D07
R32
RJ08
R25
D06
D08
RJ06
RJ20
RJ17
RJ19
R02
RJ12
RJ10
R07
R06
R17
D03
R14
R15
R13
C12
RJ09
S01
R33
PC03
Q06
R34
D09
D10
RJ05
RJ04
F01
CN01
R05
Q05
Q04
C08
RJ18
R01
R06
C05
C04
SNO-6
C03
C02
F02
C01
L01
250V 3A
DANGER! PRIMARY
HIGH VOLTAGE

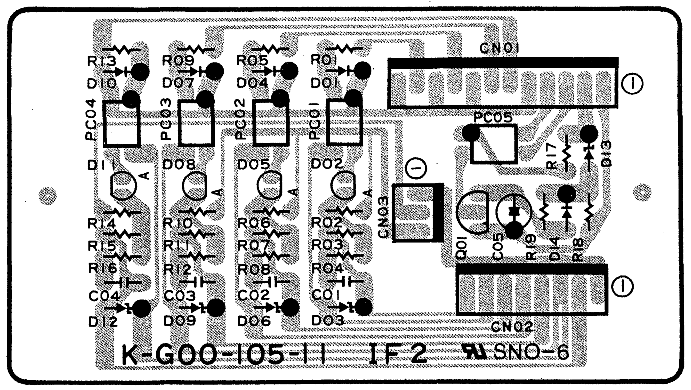
▨ SOLDER SIDE PATTERN

H BOARD (CH9, 10)
(K-G00-094-11)
Solder Side


C17
RJ18
C16
C18
C14
R21
RJ11
RJ10
RJ09
IC01
C24
VR01
RJ16
R22
R40
D12
CN03
CN02
C23
D09
D19
D17
D10
D11
D14
R27
C27
CN01
250V 5A
F01
C01
L01
C25
R36
R20
R33
R37
VR03
R42
R17
PC02
R18
Q05
C28
RJ15
R19
R41
C26
R35
R34
C22
R31
C19
C15
L03
RJ12
Q08
R38
SO1
Q09
PC01
D13
R25
SR01
C05
R32
R30
R29
R28
RJ13
RJ14
R43
R44
D18
C20
R26
R39
C21
VR02
Q06
Q07
D15
D16
T03
C29
C02
C03
RJ01
C04
C13
T02
RJ17
R24
R16
R23
nichicon JAPAN
K-G00-094-11
CH
SNO-6
C08
R06
D01
R09
D02
R13
D04
D03
R10
Q03
Q04
R08
R12
R07
R11
C09
C10
C07
C06
L02
T01
R01
R45
RJ03
RJ02
RJ04
RJ07
RJ06
C12
C11
R15
R14
RJ08
L07
L06
L05
L04
RJ05
R02
R05
R04
R03
Q02
Q01
D08
D07
D06
D05

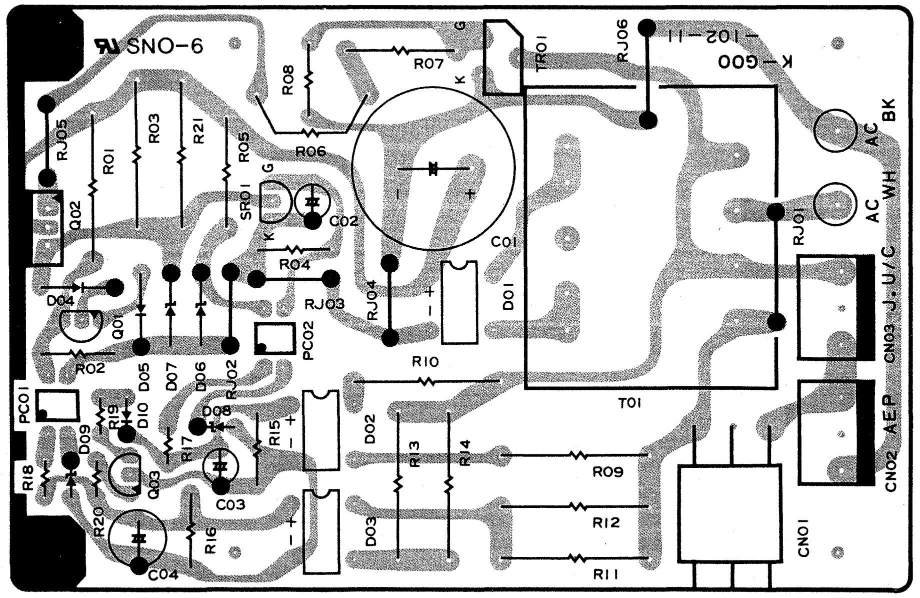
▩ SOLDER SIDE PATTERN

P BOARD (IF2)
(K-G00-105-11)
Solder Side


CN01
R13
D10
R09
D07
R05
D04
R01
D01
PC04
PC03
PC02
PC01
PC05
R17
D13
D11
D08
D05
D02
A
CN03
Q01
C05
R19
D14
R18
R14
R15
R16
C04
D12
R10
R11
R12
C03
D09
R06
R07
R08
C02
D06
R02
R03
R04
C01
D03
CN02
K-G00-105-11 IF2 SNO-6

■ SOLDER SIDE PATTERN

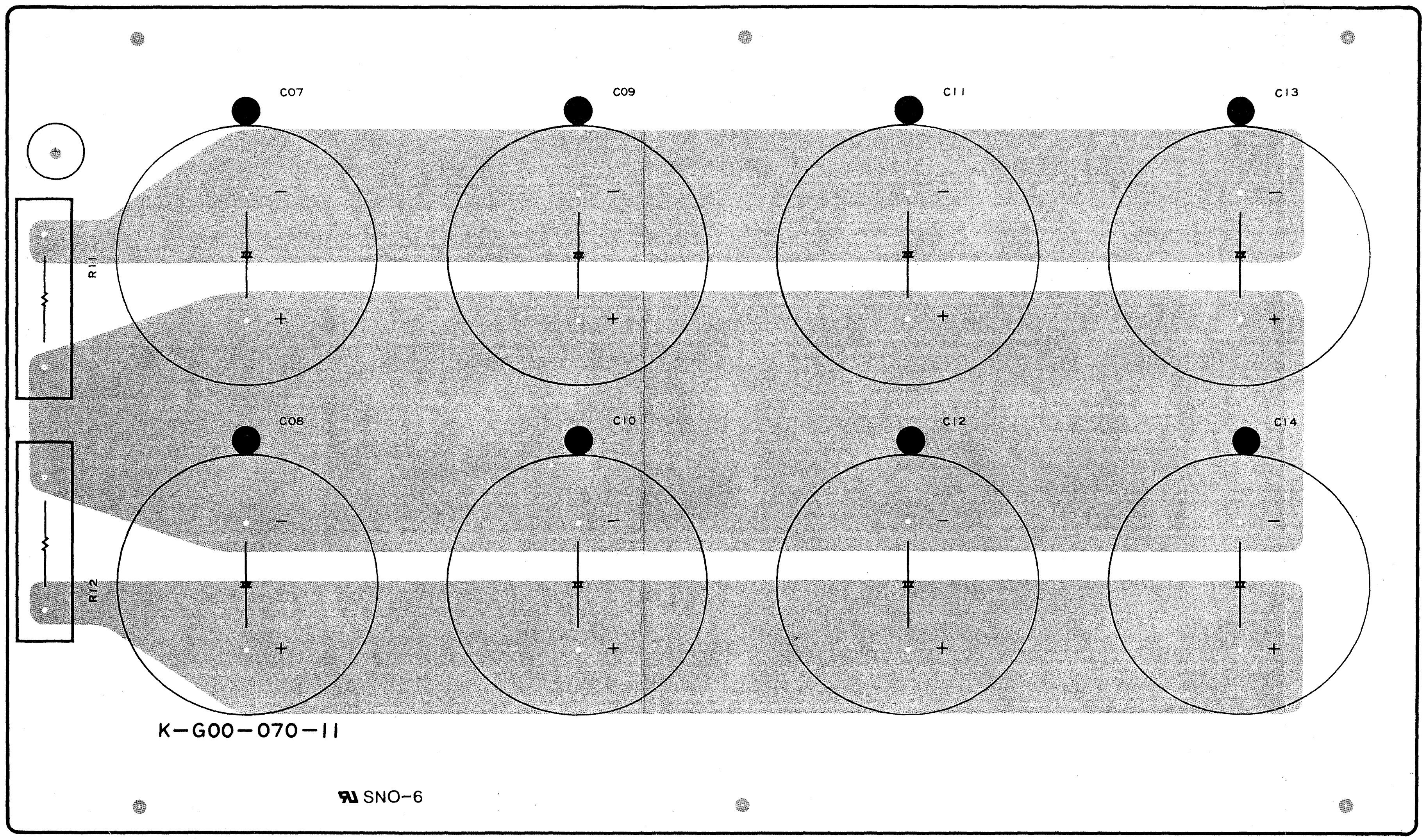
Q BOARD (VOP)
(K-G00-102-11)
Solder Side


SNO-6
R08
R07
G
K
TR01
RJ06
K-G00-102-11
RJ05
R01
R03
R21
R05
R06
G
SR01
C02
K
Q02
R04
C01
BK
AC
WH
AC
RJ01
D04
Q01
RJ03
RJ04
D01
J.U/C
CN03
R02
D05
D07
D06
RJ02
PC02
R10
T01
PC01
R19
D10
D08
R17
R15
D02
R13
R14
R09
AEP
CN02
R18
D09
Q03
C03
R20
R16
C04
D03
R12
R11
CN01

■ SOLDER SIDE PATTERN

POWER SUPPLY FRAME

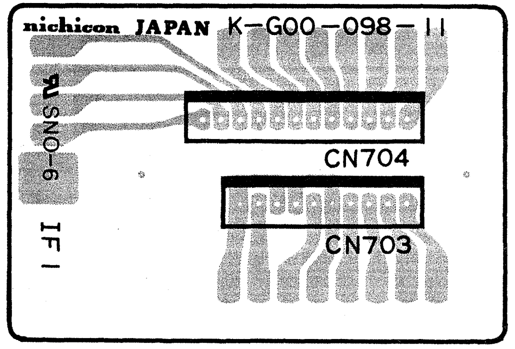
J BOARD (C. C)
(K-G00-070-11)
Solder Side



C07
C09
C11
C13
C08
C10
C12
C14
R11
R12
K-G00-070-11
SNO-6

▩ SOLDER SIDE PATTERN

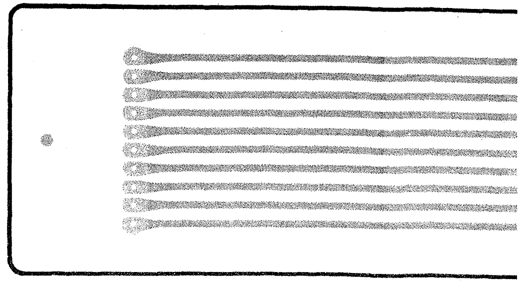
K BOARD (IF1)
(K-G00-098-11)
Solder Side



nichicon JAPAN K-G00-098-11
SNO-6
CN704
CN703
IF1

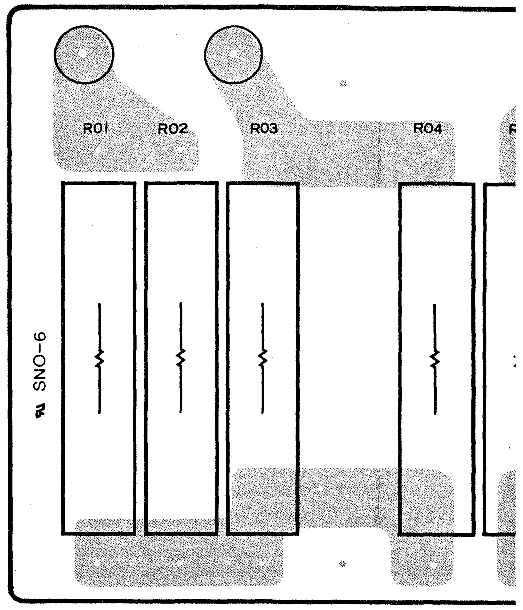
▩ SOLDER SIDE PATTERN

O BOARD (SIG2)
Solder Side



▩ SOLDER SIDE PATTERN

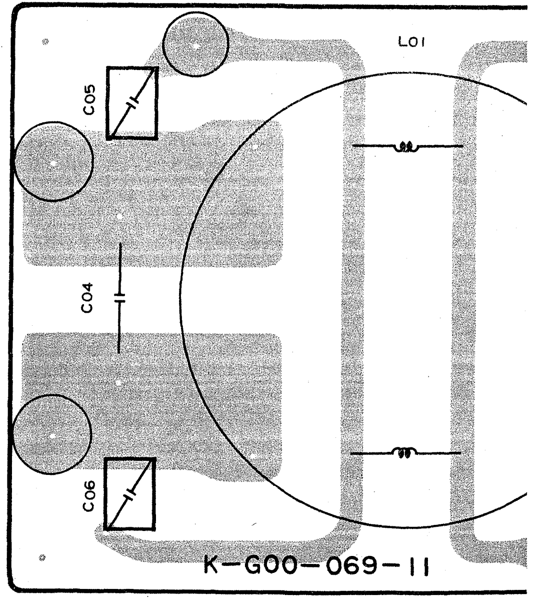
L BOARD (INR)
(K-G00-071-11)
Solder Side



R01
R02
R03
R04
SNO-6

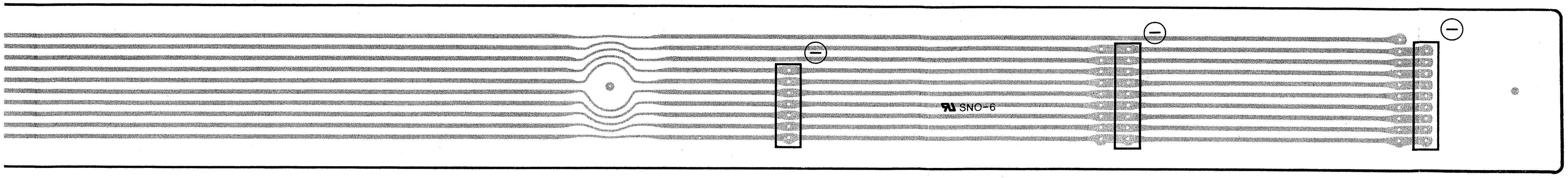
▩ SOLDER SIDE PATTERN

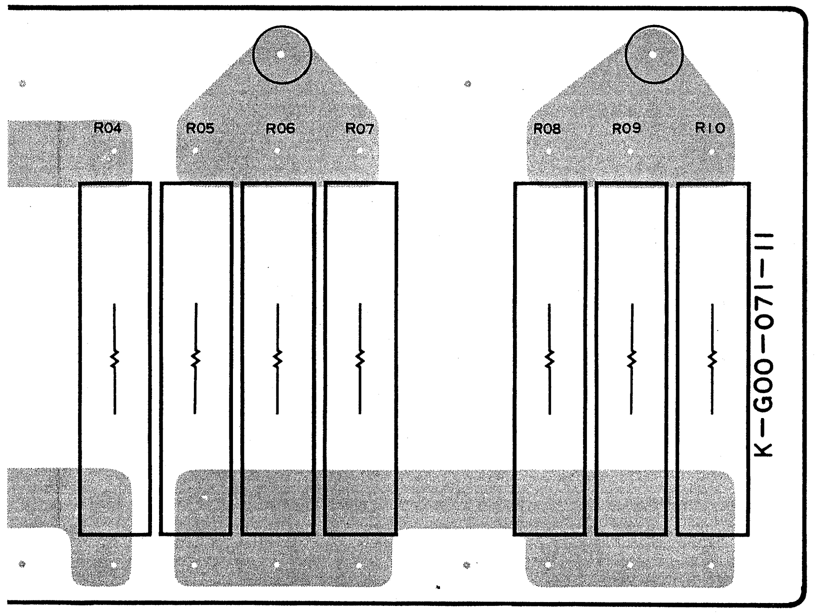
M BOARD (FLA)
(K-G00-069-11)
Solder Side



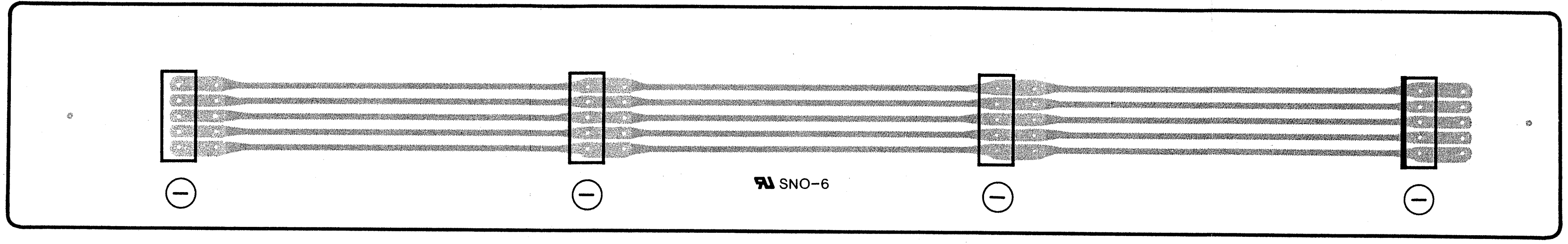
L01
C05
C04
C06
K-G00-069-11

POWER SUPPLY FRAME



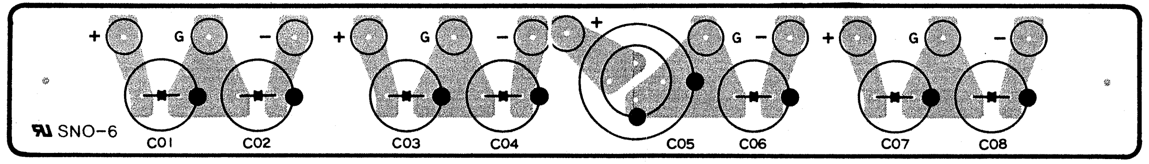

R04
R05
R06
R07
R08
R09
R10
K-G00-071-11

N BOARD (SIG1)
Solder Side

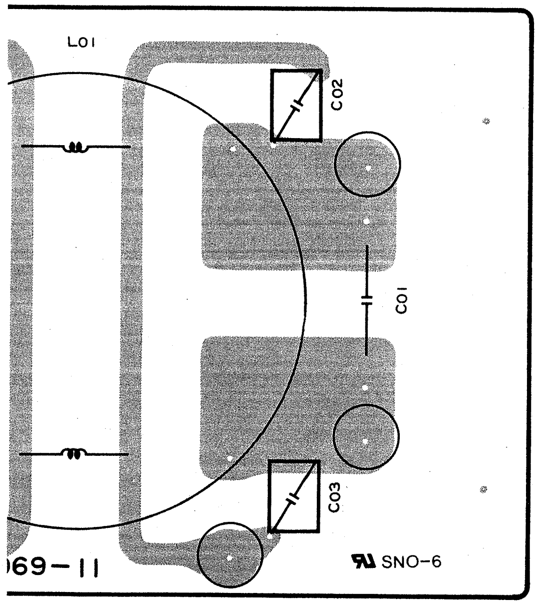


▨ SOLDER SIDE PATTERN

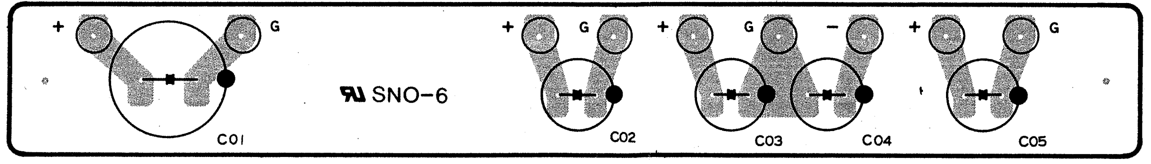
R BOARD (OCP1)
Component Side


+
G
-
SNO-6
C01
C02
C03
C04
C05
C06
C07
C08

▨ SOLDER SIDE PATTERN

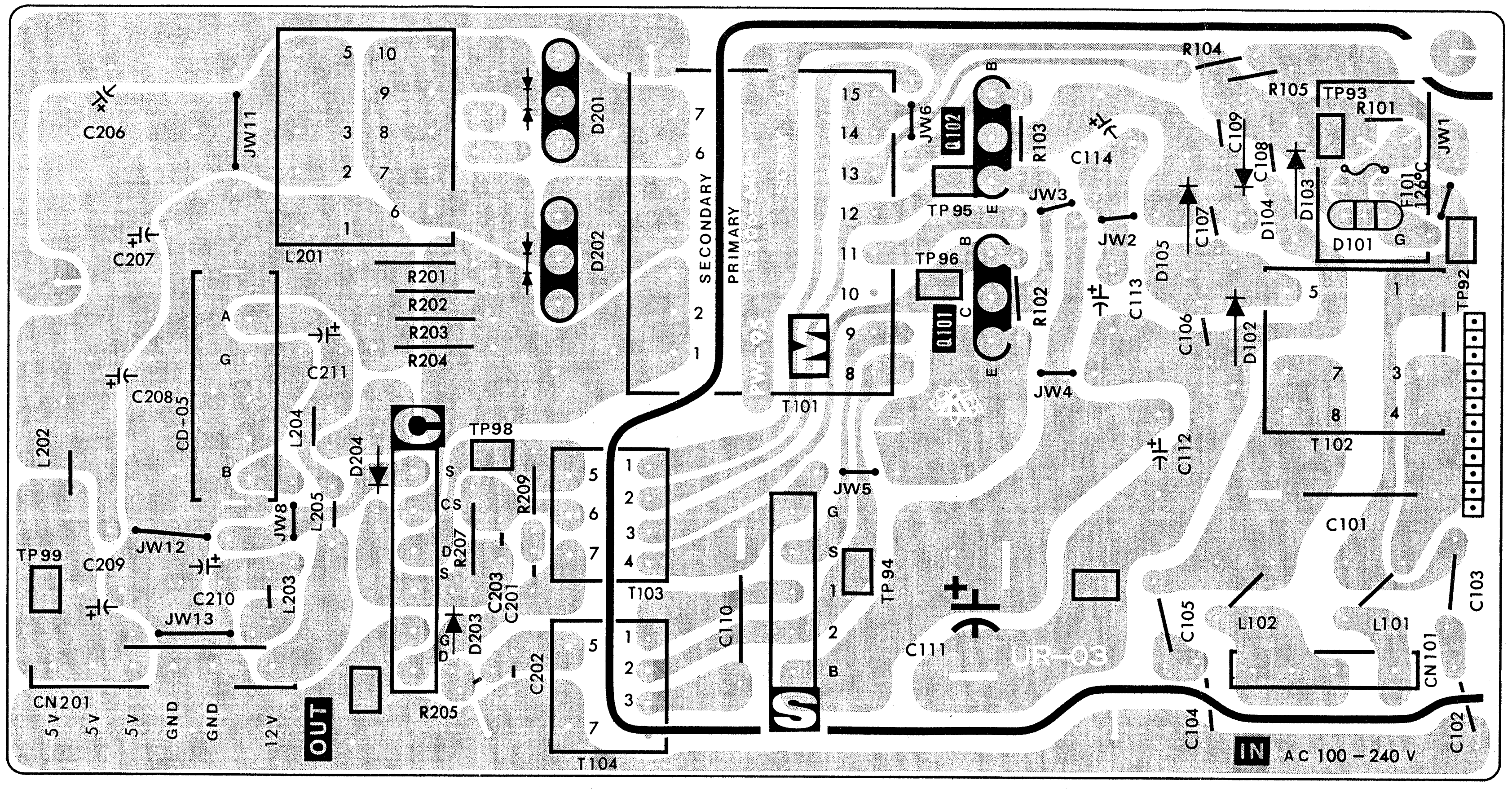

L01
C02
C01
C03
069-11
SNO-6

S BOARD (OCP2)
Component Side


+
G
-
SNO-6
C01
C02
C03
C04
C05

UR-03 BOARD
Solder Side

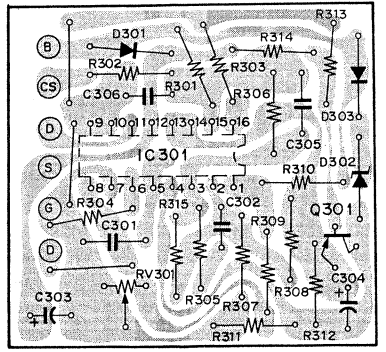
UR-03 M BOARD


C206
JW11
L201
R201
R202
R203
R204
D201
D202
C207
C208
CD-05
C211
L202
L204
D204
C
TP98
TP99
C209
JW12
C210
JW13
JW8
L205
L203
R207
R209
C203
C201
D203
C202
R205
CN201
5 V
5 V
5 V
GND
GND
12 V
OUT
T103
T104
SECONDARY
PRIMARY
M
T101
S
C110
JW6
Q102
R103
C114
TP95
JW3
JW2
TP96
Q101
R102
C113
JW4
JW5
TP 94
C111
UR-03
C112
R104
R105
TP93
R101
C109
C108
D103
D104
D105
C107
F101
125°C
D101
JW1
TP92
C106
D102
T102
C101
C105
L102
L101
CN101
C103
C104
C102
IN
AC 100 – 240 V

▩ SOLDER SIDE PATTERN

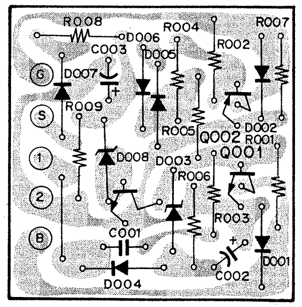
M

UR-03 C BOARD

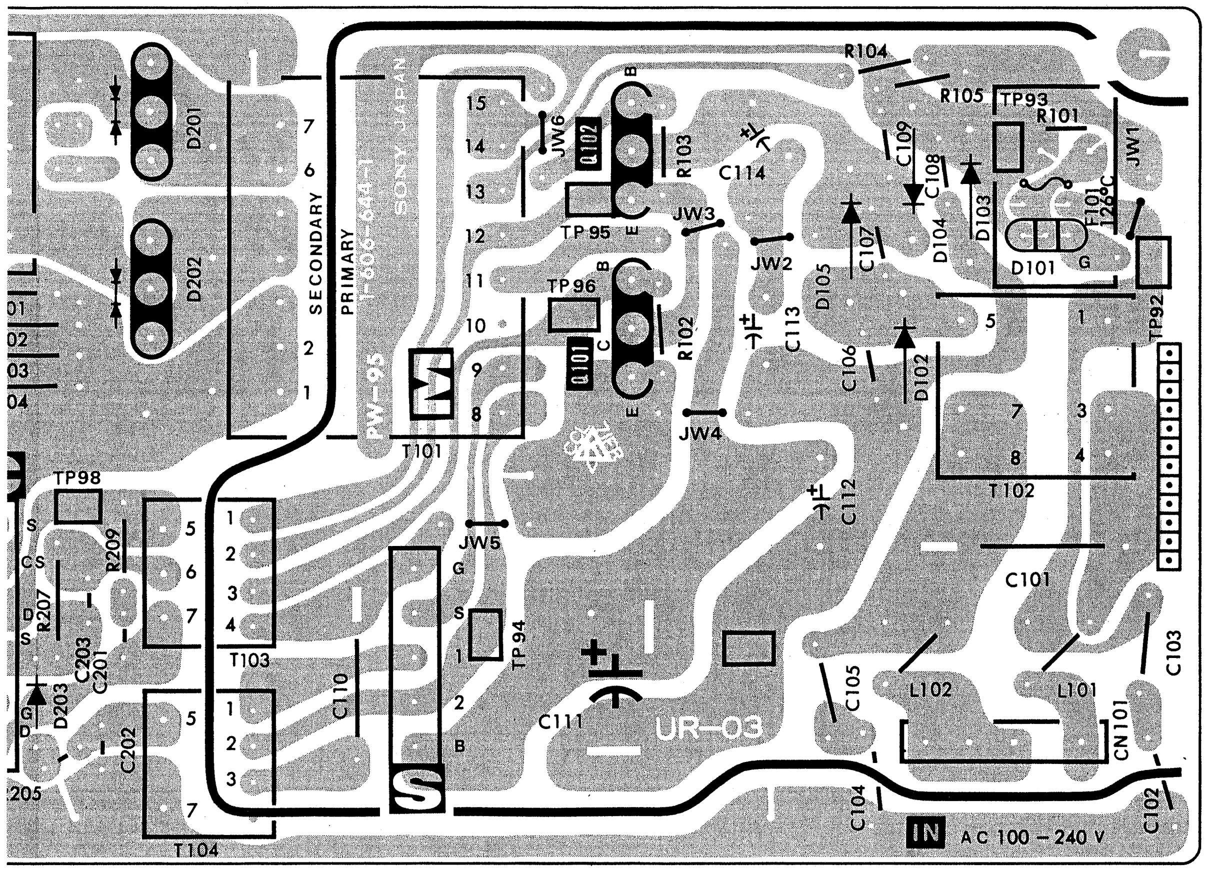

B
CS
D
S
G
D
D301
R302
R301
R303
R314
R313
C306
R306
D303
IC301
C305
R310
D302
R304
C301
R315
C302
R309
Q301
C304
RV301
R305
R307
R308
C303
R311
R312

C

UR-03 S BOARD

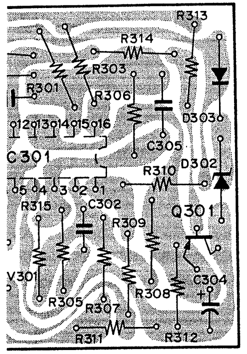

R008
D006
R004
R002
R007
C003
D005
G
D007
R009
S
D008
R005
Q002
D002
R001
1
D003
Q001
R006
2
C001
R003
B
D004
C002
D001

S


R104
R105
TP93
R101
JW1
JW6
Q102
R103
C114
JW3
TP95
JW2
C109
C108
D103
D104
F101
D101
G
C107
D105
TP96
R102
C113
Q101
C106
D102
JW4
T101
PW-95
1-606-644-1
SONY JAPAN
SECONDARY
PRIMARY
D201
D202
T102
TP92
C112
JW5
TP98
R209
R207
C203
C201
D203
C202
T103
T104
C110
TP94
C111
UR-03
C105
L102
L101
C101
C103
CN101
C102
C104
IN
AC 100 – 240 V

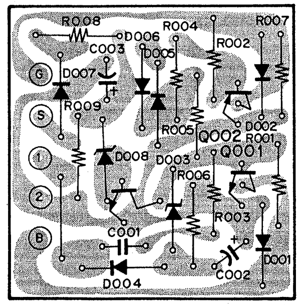
M

BOARD

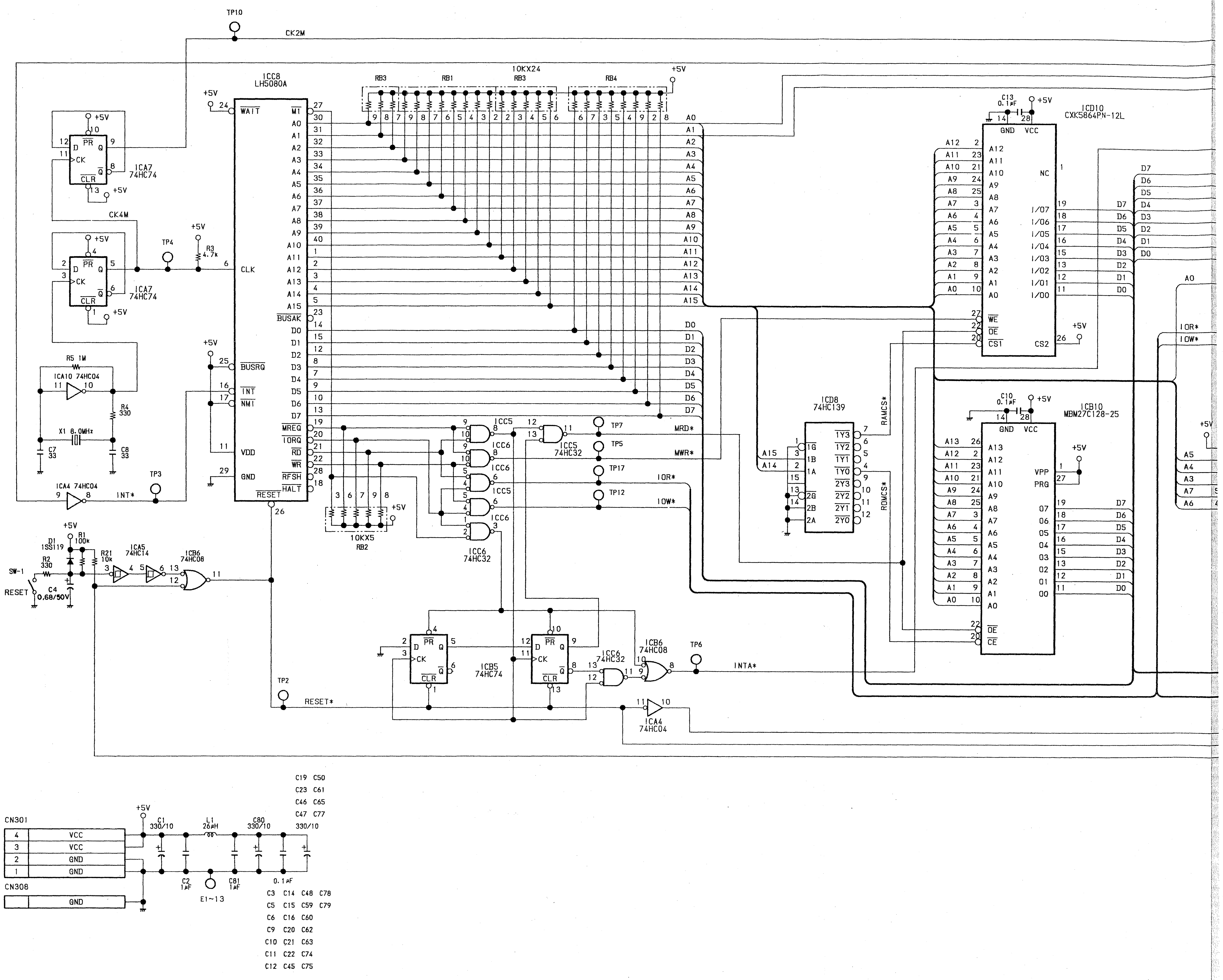

R313
R314
R303
R301
R306
C305
D303
D302
C301
R310
R315
C302
R309
Q301
C304
R305
R307
R308
R311
R312

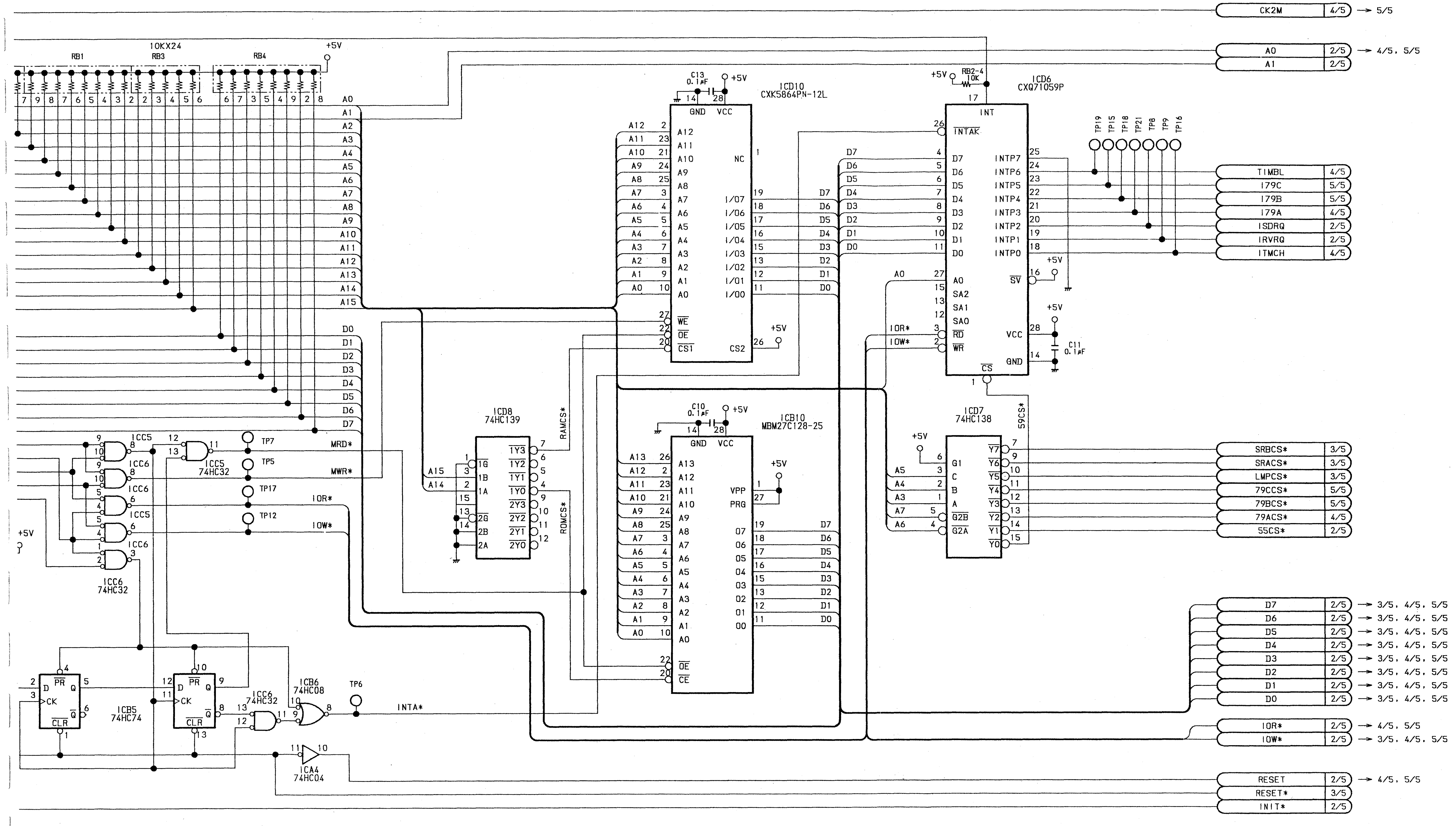
C

UR-03 S BOARD


R008
D006
C003
R004
R002
R007
D007
D005
R009
R005
D008
D003
Q002
Q001
D002
R001
R006
R003
C001
C002
D001
D004
G
S
1
2
B

S


TP10
CK2M
ICC8
LH5080A
+5V
WAIT
M1
A0
A1
A2
A3
A4
A5
A6
A7
A8
A9
A10
A11
A12
A13
A14
A15
BUSAK
D0
D1
D2
D3
D4
D5
D6
D7
MREQ
IORQ
RD
WR
RFSH
HALT
RESET
BUSRQ
INT
NMI
VDD
GND
CLK
ICA7
74HC74
PR
CLR
CK
D
Q
CK4M
TP4
R3
4.7k
R5 1M
ICA10 74HC04
R4
330
X1 8.0MHz
C7
33
C8
33
ICA4 74HC04
INT*
TP3
RB3
RB1
RB4
10KX24
10KX5
RB2
ICC5
ICC6
74HC32
TP7
TP5
TP17
TP12
MRD*
MWR*
IOR*
IOW*
ICD8
74HC139
1G
1B
1A
2G
2B
2A
1Y3
1Y2
1Y1
1Y0
2Y3
2Y2
2Y1
2Y0
RAMCS*
ROMCS*
C13
0.1μF
ICD10
CXK5864PN-12L
NC
I/O7
I/O6
I/O5
I/O4
I/O3
I/O2
I/O1
I/O0
WE
OE
CS1
CS2
C10
0.1μF
ICB10
MBM27C128-25
VPP
PRG
O7
O6
O5
O4
O3
O2
O1
O0
CE
D1
1SS119
R1
100k
R2
330
R21
10k
ICA5
74HC14
ICB6
74HC08
SW-1
RESET
C4
0.68/50V
ICB5
74HC74
TP6
INTA*
TP2
RESET*
CN301
4 VCC
3 VCC
2 GND
1 GND
CN308
GND
C1
330/10
C2
1μF
L1
26μH
C80
330/10
C81
1μF
E1~13
C19 C50
C23 C61
C46 C65
C47 C77
330/10
0.1μF
C3 C14 C48 C78
C5 C15 C59 C79
C6 C16 C60
C9 C20 C62
C10 C21 C63
C11 C22 C74
C12 C45 C75

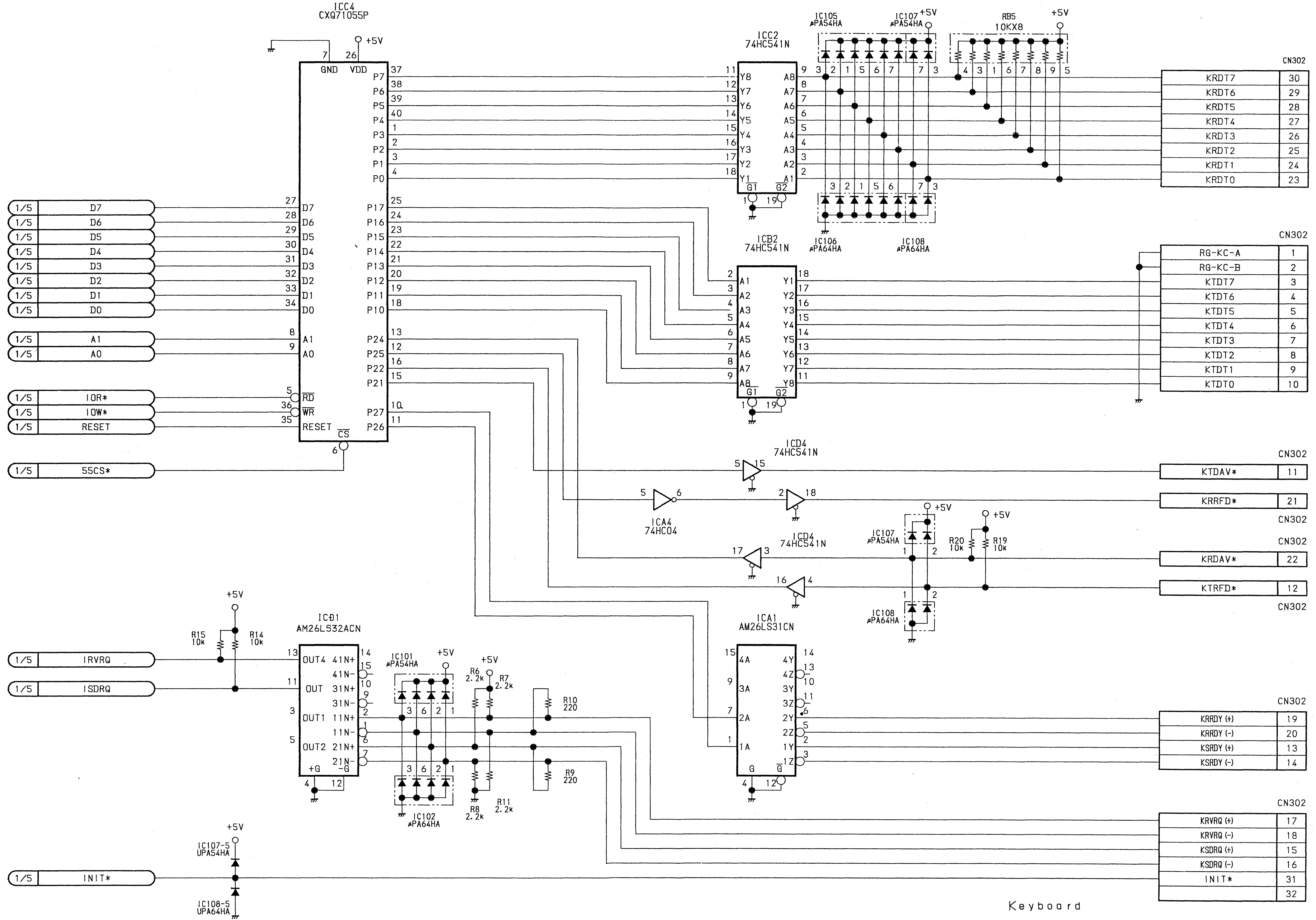

CK2M 4/5 → 5/5
A0 2/5 → 4/5, 5/5
A1 2/5
10KX24
RB1
RB3
RB4
+5V
A0
A1
A2
A3
A4
A5
A6
A7
A8
A9
A10
A11
A12
A13
A14
A15
D0
D1
D2
D3
D4
D5
D6
D7
C13 0.1μF
ICD10 CXK5864PN-12L
GND
VCC
NC
CS1
CS2
I/O7
I/O6
I/O5
I/O4
I/O3
I/O2
I/O1
I/O0
WE
OE
RB2-4 10K
ICD6 CXQ71059P
INT
INTAK
INTP7
INTP6
INTP5
INTP4
INTP3
INTP2
INTP1
INTP0
SV
SA2
SA1
SA0
RD
WR
CS
C11 0.1μF
TP19
TP15
TP18
TP21
TP8
TP9
TP16
TIMBL 4/5
179C 5/5
179B 5/5
179A 4/5
ISDRQ 2/5
IRVRQ 2/5
ITMCH 4/5
IOR*
IOW*
ICD8 74HC139
RAMCS*
ROMCS*
1G
1B
1A
2G
2B
2A
1Y3
1Y2
1Y1
1Y0
2Y3
2Y2
2Y1
2Y0
C10 0.1μF
ICB10 MBM27C128-25
VPP
PRG
O7
O6
O5
O4
O3
O2
O1
O0
CE
ICD7 74HC138
59CS*
G1
C
B
A
G2B
G2A
Y7
Y6
Y5
Y4
Y3
Y2
Y1
Y0
SRBCS* 3/5
SRACS* 3/5
LMPCS* 3/5
79CCS* 5/5
79BCS* 5/5
79ACS* 4/5
55CS* 2/5
ICC5
ICC6
74HC32
TP7
TP5
TP17
TP12
MRD*
MWR*
ICB5 74HC74
PR
CLR
D
CK
Q
ICB6 74HC08
TP6
INTA*
ICA4 74HC04
D7 2/5 → 3/5, 4/5, 5/5
D6 2/5 → 3/5, 4/5, 5/5
D5 2/5 → 3/5, 4/5, 5/5
D4 2/5 → 3/5, 4/5, 5/5
D3 2/5 → 3/5, 4/5, 5/5
D2 2/5 → 3/5, 4/5, 5/5
D1 2/5 → 3/5, 4/5, 5/5
D0 2/5 → 3/5, 4/5, 5/5
IOR* 2/5 → 4/5, 5/5
IOW* 2/5 → 3/5, 4/5, 5/5
RESET 2/5 → 4/5, 5/5
RESET* 3/5
INIT* 2/5

Keyboard

KC-17 BOARD (1/5)

BOARD NO.1-627-096-11 & HIGHER
PCM-3348

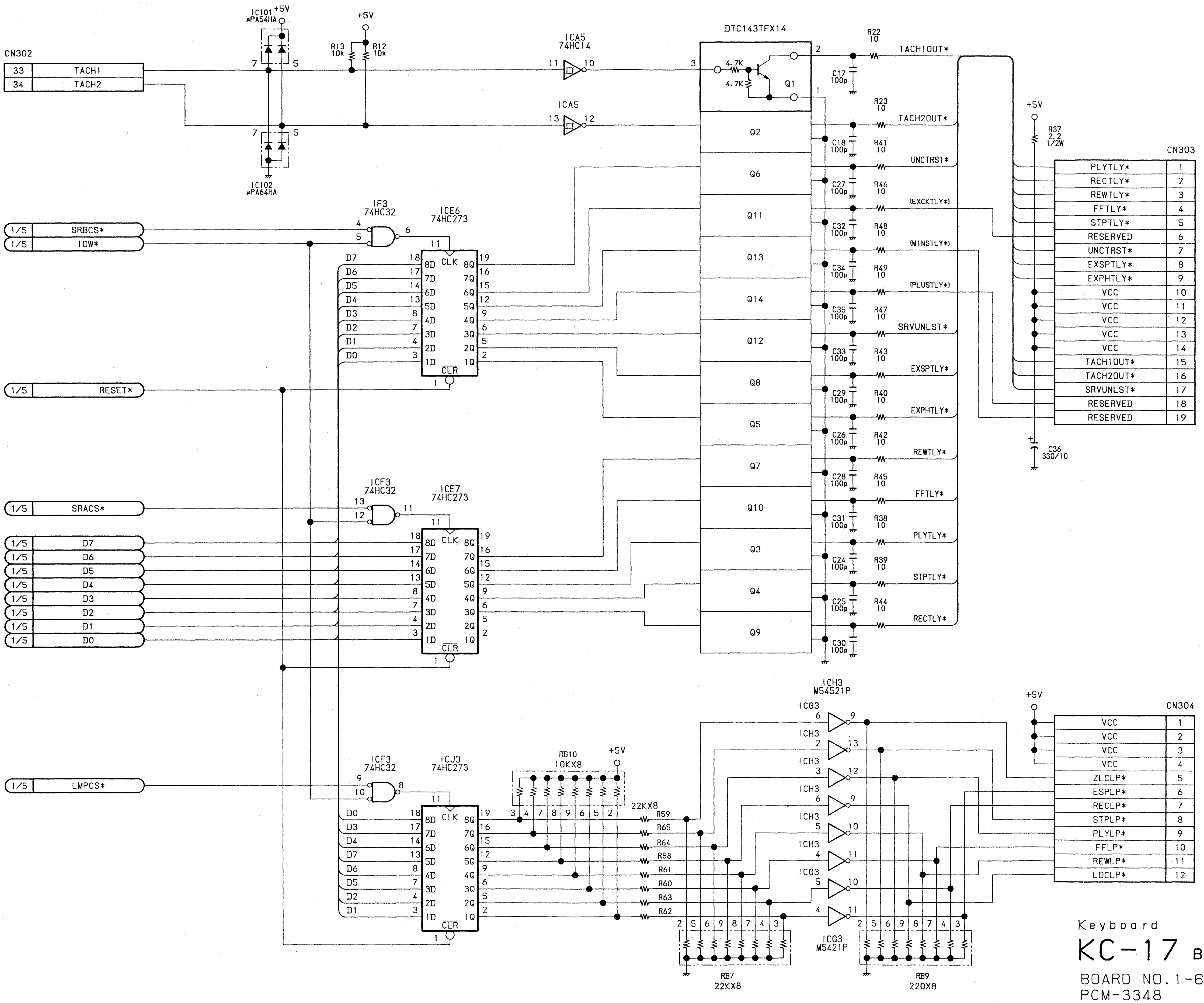
B-428


ICC4
CXQ71055P
GND
VDD
+5V
P7
P6
P5
P4
P3
P2
P1
P0
P17
P16
P15
P14
P13
P12
P11
P10
P24
P25
P22
P21
P27
P26
RD
WR
RESET
CS
D7
D6
D5
D4
D3
D2
D1
D0
A1
A0
1/5
IOR*
IOW*
55CS*
ICC2
74HC541N
ICB2
74HC541N
ICD4
74HC541N
ICA4
74HC04
IC105
μPA54HA
IC107
μPA54HA
IC106
μPA64HA
IC108
μPA64HA
RB5
10KX8
CN302
KRDT7
KRDT6
KRDT5
KRDT4
KRDT3
KRDT2
KRDT1
KRDT0
RG-KC-A
RG-KC-B
KTDT7
KTDT6
KTDT5
KTDT4
KTDT3
KTDT2
KTDT1
KTDT0
KTDAV*
KRRFD*
KRDAV*
KTRFD*
R20
10k
R19
10k
ICD1
AM26LS32ACN
ICA1
AM26LS31CN
IRVRQ
ISDRQ
R15
10k
R14
10k
IC101
μPA54HA
IC102
μPA64HA
R6
2.2k
R7
2.2k
R8
2.2k
R11
2.2k
R10
220
R9
220
KRRDY (+)
KRRDY (-)
KSRDY (+)
KSRDY (-)
KRVRQ (+)
KRVRQ (-)
KSDRQ (+)
KSDRQ (-)
INIT*
IC107-5
UPA54HA
IC108-5
UPA64HA

Keyboard

KC-17 BOARD (2/5)

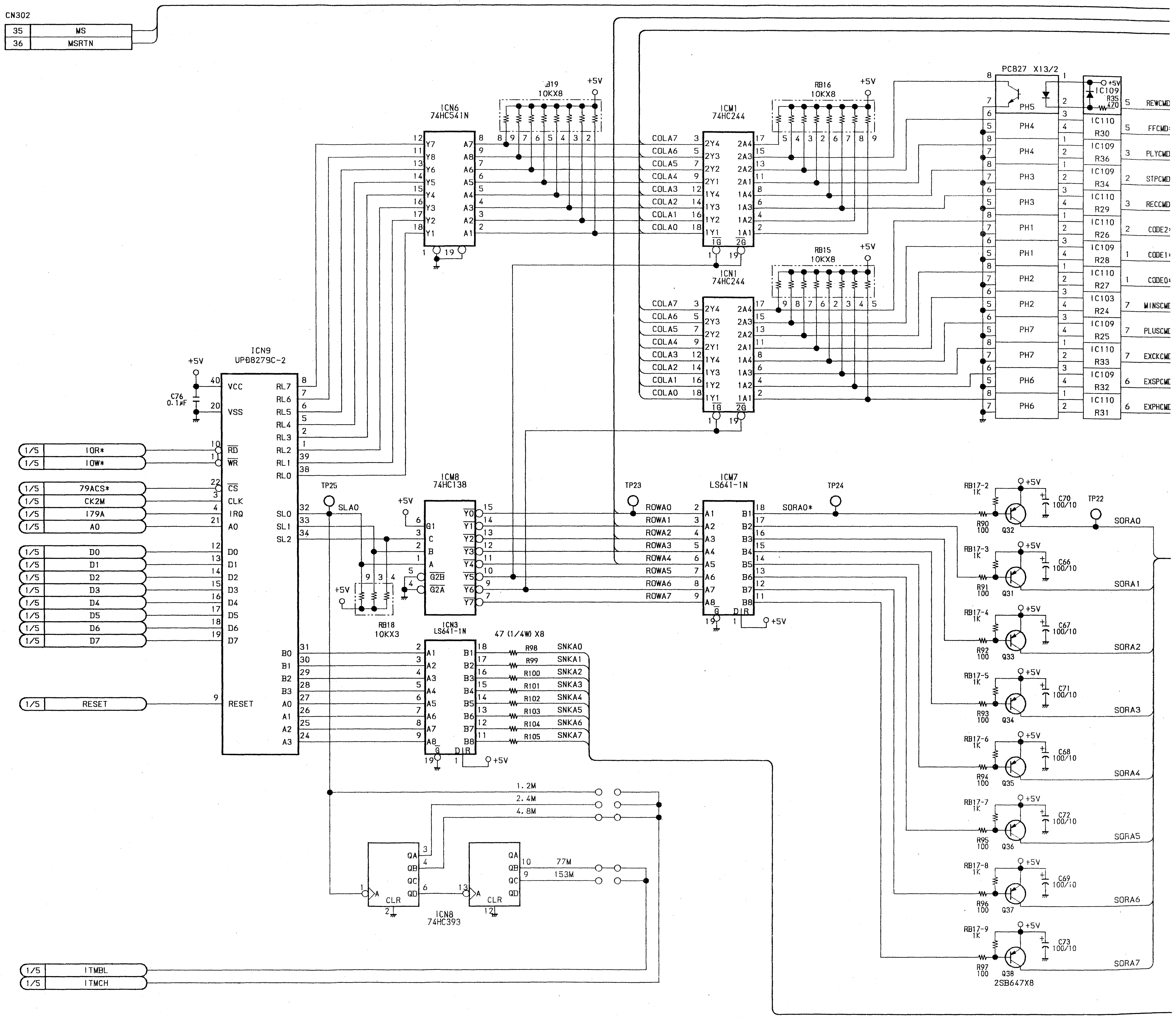
BOARD NO.1-627-096-11 & HIGHEE
PCM-3348

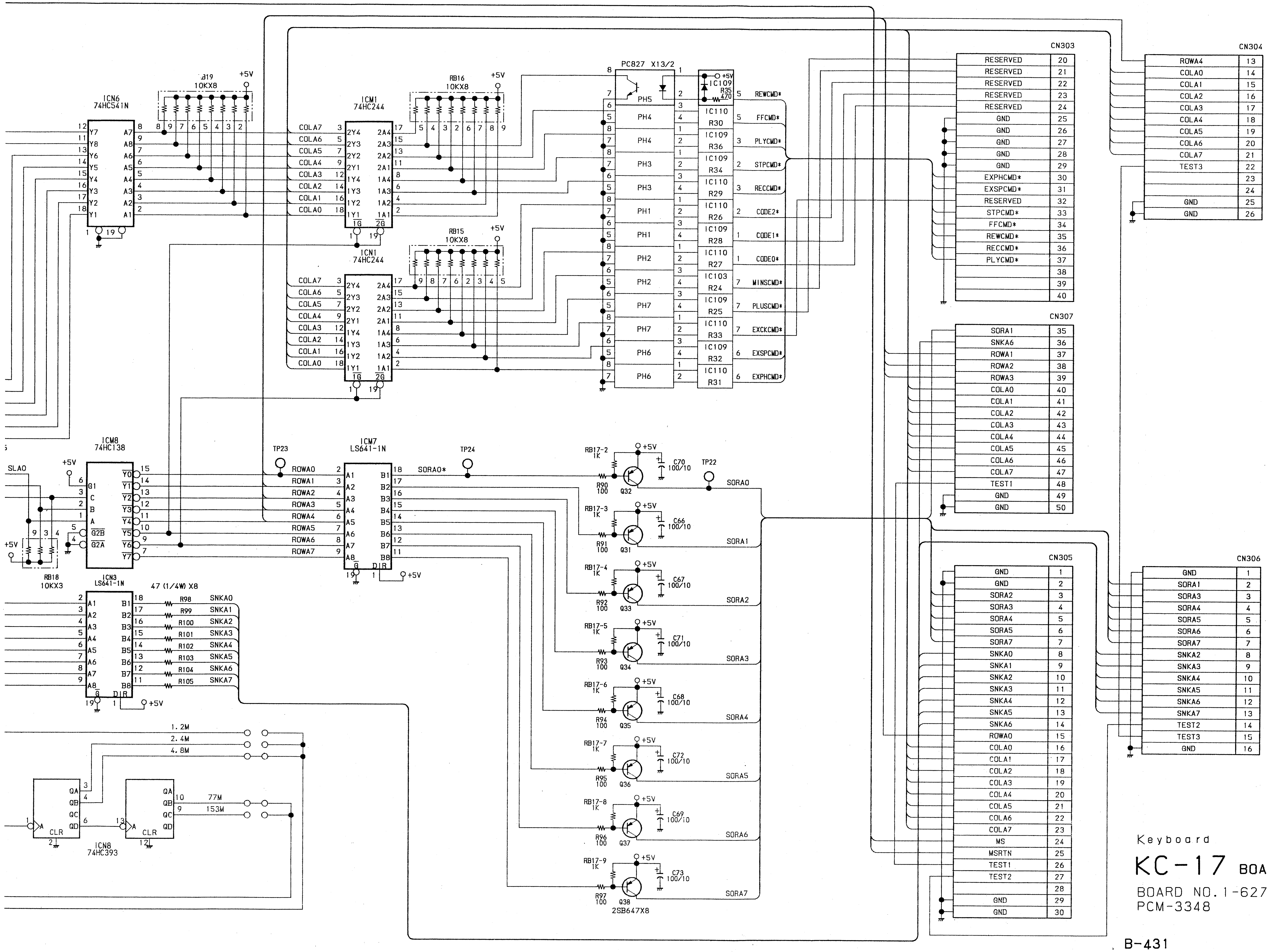

CN302
33 TACH1
34 TACH2
IC101 μPA54HA
+5V
IC102 μPA64HA
R13 10k
R12 10k
ICA5 74HC14
11 10
ICA5
13 12
DTC143TFX14
4.7K
4.7K
Q1
Q2
Q6
Q11
Q13
Q14
Q12
Q8
Q5
Q7
Q10
Q3
Q4
Q9
R22 10
TACH1OUT*
C17 100p
R23 10
TACH2OUT*
C18 100p
R41 10
UNCTRST*
C27 100p
R46 10
(EXCKTLY*)
C32 100p
R48 10
(MINSTLY*)
C34 100p
R49 10
(PLUSTLY*)
C35 100p
R47 10
SRVUNLST*
C33 100p
R43 10
EXSPTLY*
C29 100p
R40 10
EXPHTLY*
C26 100p
R42 10
REWTLY*
C28 100p
R45 10
FFTLY*
C31 100p
R38 10
PLYTLY*
C24 100p
R39 10
STPTLY*
C25 100p
R44 10
RECTLY*
C30 100p
R37 2.2 1/2W
C36 330/10
CN303
1 PLYTLY*
2 RECTLY*
3 REWTLY*
4 FFTLY*
5 STPTLY*
6 RESERVED
7 UNCTRST*
8 EXSPTLY*
9 EXPHTLY*
10 VCC
11 VCC
12 VCC
13 VCC
14 VCC
15 TACH1OUT*
16 TACH2OUT*
17 SRVUNLST*
18 RESERVED
19 RESERVED
IF3 74HC32
ICE6 74HC273
1/5 SRBCS*
1/5 IOW*
1/5 RESET*
ICF3 74HC32
ICE7 74HC273
1/5 SRACS*
1/5 D7
1/5 D6
1/5 D5
1/5 D4
1/5 D3
1/5 D2
1/5 D1
1/5 D0
ICF3 74HC32
ICJ3 74HC273
1/5 LMPCS*
CLK
CLR
8D 7D 6D 5D 4D 3D 2D 1D
8Q 7Q 6Q 5Q 4Q 3Q 2Q 1Q
RB10 10KX8
22KX8
R59
R65
R64
R58
R61
R60
R63
R62
ICH3 M54521P
ICG3
ICH3
ICH3
ICH3
ICH3
ICH3
ICG3
ICG3 M5421P
RB7 22KX8
RB9 220X8
CN304
1 VCC
2 VCC
3 VCC
4 VCC
5 ZLCLP*
6 ESPLP*
7 RECLP*
8 STPLP*
9 PLYLP*
10 FFLP*
11 REWLP*
12 LOCLP*

Keyboard

KC-17 BOARD (3/5)

BOARD NO.1-627-096-11 & HIGHER
PCM-3348


CN302
35 MS
36 MSRTN
RB19 10KX8
+5V
ICN6 74HC541N
Y7 Y8 Y6 Y5 Y4 Y3 Y2 Y1
A7 A8 A6 A5 A4 A3 A2 A1
COLA7 COLA6 COLA5 COLA4 COLA3 COLA2 COLA1 COLA0
ICM1 74HC244
RB16 10KX8
ICN1 74HC244
RB15 10KX8
2Y4 2Y3 2Y2 2Y1 1Y4 1Y3 1Y2 1Y1
2A4 2A3 2A2 2A1 1A4 1A3 1A2 1A1
1G 2G
PC827 X13/2
PH5 PH4 PH4 PH3 PH3 PH1 PH1 PH2 PH2 PH7 PH7 PH6 PH6
IC109 +5V R35 470
IC110 R30
IC109 R36
IC109 R34
IC110 R29
IC110 R26
IC109 R28
IC110 R27
IC103 R24
IC109 R25
IC110 R33
IC109 R32
IC110 R31
REWCMD
FFCMD
PLYCMD
STPCMD
RECCMD
CODE2
CODE1
CODE0
MINSCMD
PLUSCMD
EXCKCMD
EXSPCMD
EXPHCMD
ICN9 UPD8279C-2
VCC VSS
C76 0.1μF
RL7 RL6 RL5 RL4 RL3 RL2 RL1 RL0
RD WR CS CLK IRQ A0
D0 D1 D2 D3 D4 D5 D6 D7
SL0 SL1 SL2
B0 B1 B2 B3 A0 A1 A2 A3
RESET
1/5 IOR*
1/5 IOW*
1/5 79ACS*
1/5 CK2M
1/5 I79A
1/5 A0
1/5 D0
1/5 D1
1/5 D2
1/5 D3
1/5 D4
1/5 D5
1/5 D6
1/5 D7
1/5 RESET
TP25
SLA0
ICN8 74HC138
G1 C B A G2B G2A
Y0 Y1 Y2 Y3 Y4 Y5 Y6 Y7
RB18 10KX3
ICN3 LS641-1N
A1 A2 A3 A4 A5 A6 A7 A8
B1 B2 B3 B4 B5 B6 B7 B8
G DIR
47 (1/4W) X8
R98 R99 R100 R101 R102 R103 R104 R105
SNKA0 SNKA1 SNKA2 SNKA3 SNKA4 SNKA5 SNKA6 SNKA7
TP23
ROWA0 ROWA1 ROWA2 ROWA3 ROWA4 ROWA5 ROWA6 ROWA7
ICM7 LS641-1N
SORA0*
TP24
TP22
RB17-2 1K
RB17-3 1K
RB17-4 1K
RB17-5 1K
RB17-6 1K
RB17-7 1K
RB17-8 1K
RB17-9 1K
R90 100
R91 100
R92 100
R93 100
R94 100
R95 100
R96 100
R97 100
Q32 Q31 Q33 Q34 Q35 Q36 Q37 Q38
C70 100/10
C66 100/10
C67 100/10
C71 100/10
C68 100/10
C72 100/10
C69 100/10
C73 100/10
2SB647X8
SORA0 SORA1 SORA2 SORA3 SORA4 SORA5 SORA6 SORA7
1.2M
2.4M
4.8M
77M
153M
QA QB QC QD
A CLR
ICN8 74HC393
1/5 ITMBL
1/5 ITMCH

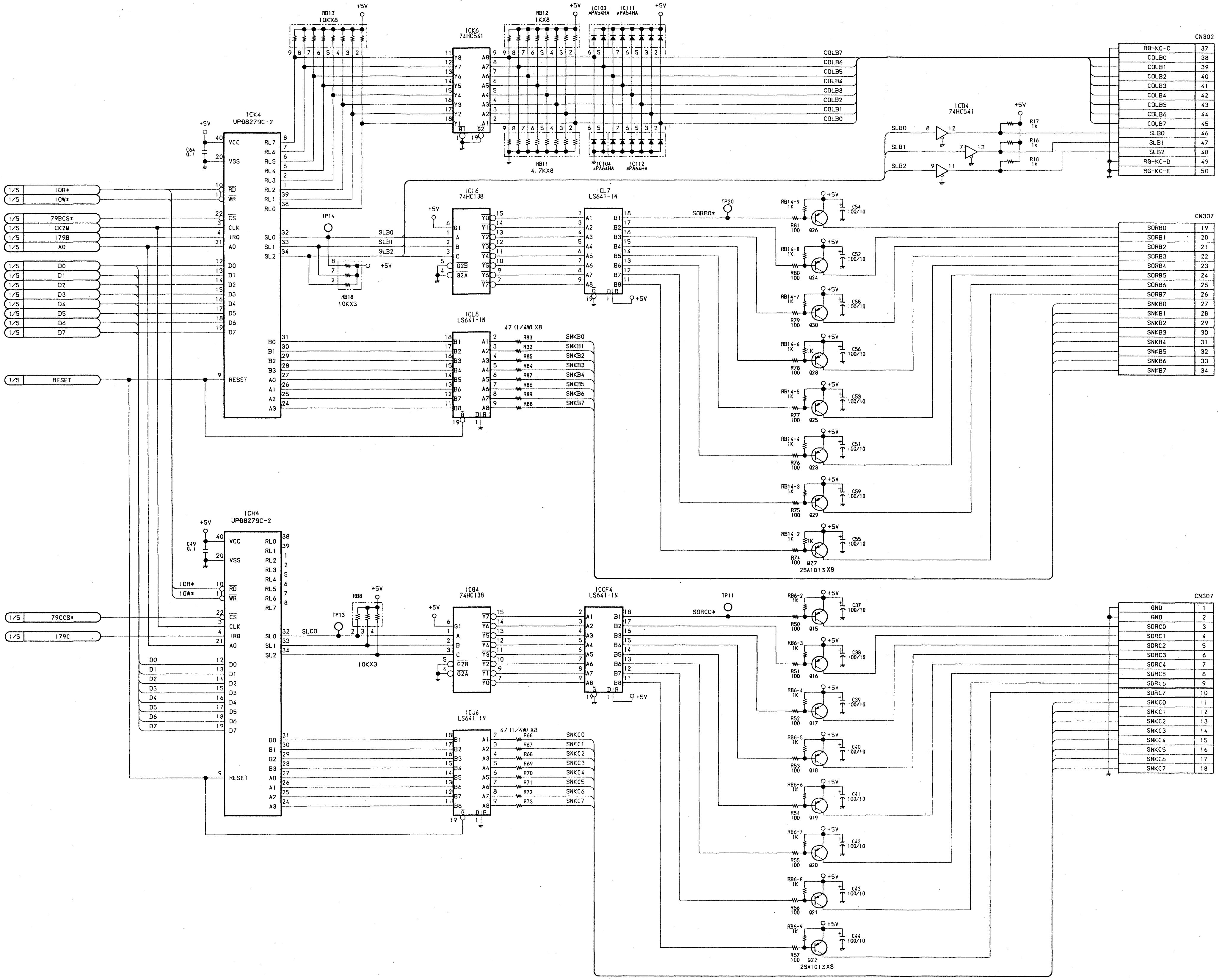

ICN6
74HC541N
RB19
10KX8
+5V
ICM1
74HC244
RB16
10KX8
ICN1
74HC244
RB15
10KX8
COLA7
COLA6
COLA5
COLA4
COLA3
COLA2
COLA1
COLA0
PC827 X13/2
PH5
PH4
PH3
PH1
PH2
PH7
PH6
IC109
R35
470
IC110
R30
IC109
R36
R34
R29
R26
R28
R27
IC103
R24
R25
R33
R32
R31
REWCMD*
FFCMD*
PLYCMD*
STPCMD*
RECCMD*
CODE2*
CODE1*
CODE0*
MINSCMD*
PLUSCMD*
EXCKCMD*
EXSPCMD*
EXPHCMD*
CN303
RESERVED 20
RESERVED 21
RESERVED 22
RESERVED 23
RESERVED 24
GND 25
GND 26
GND 27
GND 28
GND 29
EXPHCMD* 30
EXSPCMD* 31
RESERVED 32
STPCMD* 33
FFCMD* 34
REWCMD* 35
RECCMD* 36
PLYCMD* 37
38
39
40
CN304
ROWA4 13
COLA0 14
COLA1 15
COLA2 16
COLA3 17
COLA4 18
COLA5 19
COLA6 20
COLA7 21
TEST3 22
23
24
GND 25
GND 26
CN307
SORA1 35
SNKA6 36
ROWA1 37
ROWA2 38
ROWA3 39
COLA0 40
COLA1 41
COLA2 42
COLA3 43
COLA4 44
COLA5 45
COLA6 46
COLA7 47
TEST1 48
GND 49
GND 50
ICM8
74HC138
SLAO
G1
C
B
A
G2B
G2A
Y0
Y1
Y2
Y3
Y4
Y5
Y6
Y7
RB18
10KX3
TP23
TP24
TP22
ICM7
LS641-1N
ROWA0
ROWA1
ROWA2
ROWA3
ROWA4
ROWA5
ROWA6
ROWA7
SORA0*
RB17-2
1K
R90
100
Q32
C70
100/10
SORA0
RB17-3
R91
Q31
C66
SORA1
RB17-4
R92
Q33
C67
SORA2
RB17-5
R93
Q34
C71
SORA3
RB17-6
R94
Q35
C68
SORA4
RB17-7
R95
Q36
C72
SORA5
RB17-8
R96
Q37
C69
SORA6
RB17-9
R97
Q38
C73
SORA7
2SB647X8
ICN3
LS641-1N
47 (1/4W) X8
R98 SNKA0
R99 SNKA1
R100 SNKA2
R101 SNKA3
R102 SNKA4
R103 SNKA5
R104 SNKA6
R105 SNKA7
DIR
1.2M
2.4M
4.8M
77M
153M
QA
QB
QC
QD
CLR
ICN8
74HC393
CN305
GND 1
GND 2
SORA2 3
SORA3 4
SORA4 5
SORA5 6
SORA7 7
SNKA0 8
SNKA1 9
SNKA2 10
SNKA3 11
SNKA4 12
SNKA5 13
SNKA6 14
ROWA0 15
COLA0 16
COLA1 17
COLA2 18
COLA3 19
COLA4 20
COLA5 21
COLA6 22
COLA7 23
MS 24
MSRTN 25
TEST1 26
TEST2 27
28
GND 29
GND 30
CN306
GND 1
SORA1 2
SORA3 3
SORA4 4
SORA5 5
SORA6 6
SORA7 7
SNKA2 8
SNKA3 9
SNKA4 10
SNKA5 11
SNKA6 12
SNKA7 13
TEST2 14
TEST3 15
GND 16

Keyboard

KC-17 BOARD (4/5)

BOARD NO. 1-627-096-11 & HIGHER
PCM-3348

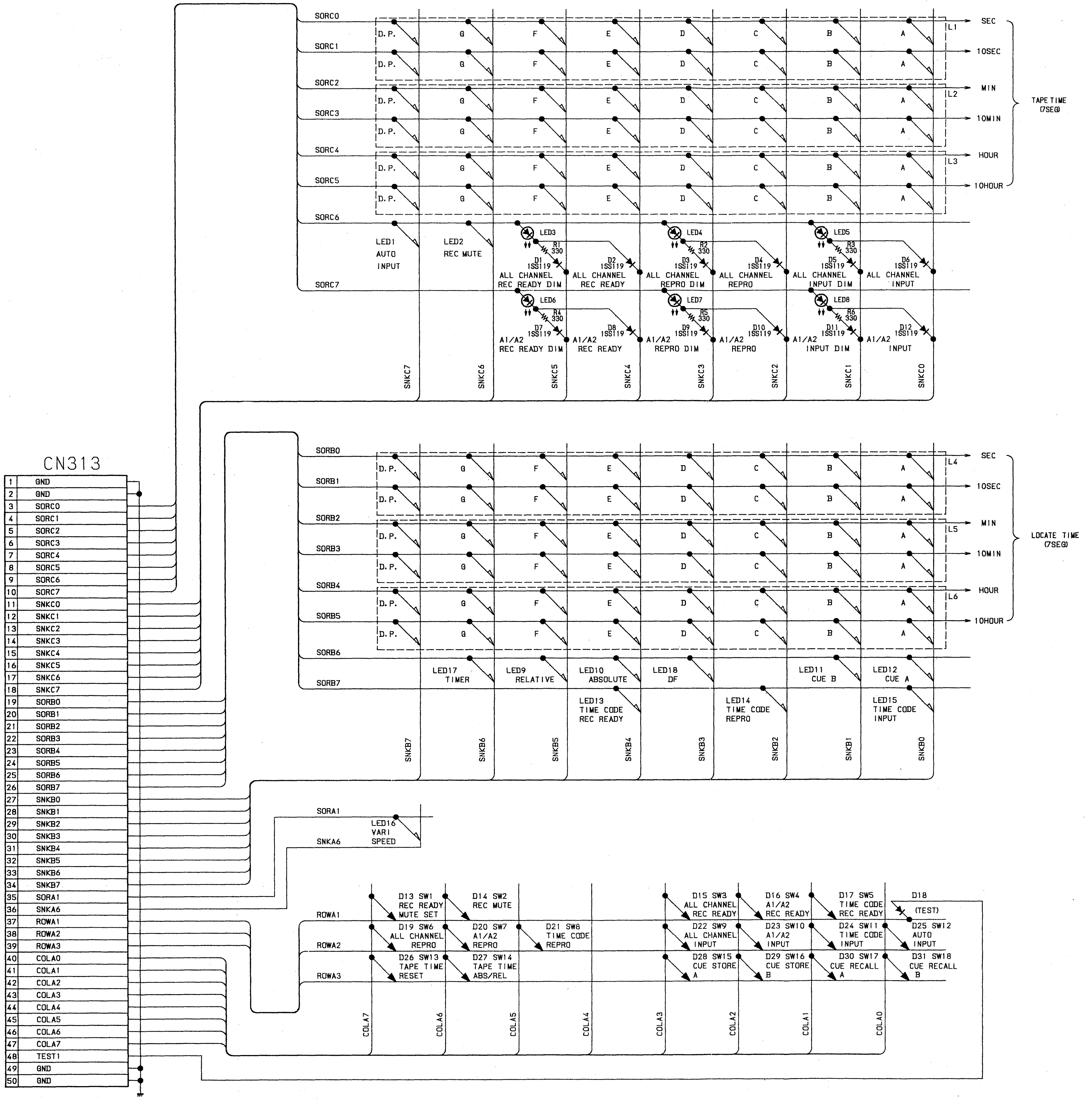
B-431


RB13
10KX8
IC K6
74HC541
RB12
1KX8
IC103
IC111
RB11
4.7KX8
IC K4
UPD8279C-2
IC D4
74HC541
CN302
IC L6
74HC138
IC L7
LS641-1N
TP14
TP20
SORB0*
RB10
10KX3
CN307
IC L8
LS641-1N
47 (1/4W) X8
2SA1013 X8
IC H4
UPD8279C-2
RB8
TP13
10KX3
IC D4
74HC138
IC CF4
LS641-1N
TP11
SORC0*
IC J6
LS641-1N
2SA1013X8
IOR*
IOW*
79BCS*
CK2M
179B
A0
D0
D1
D2
D3
D4
D5
D6
D7
RESET
79CCS*
179C
COLB0
COLB1
COLB2
COLB3
COLB4
COLB5
COLB6
COLB7
SLB0
SLB1
SLB2
SLC0
RG-KC-C
RG-KC-D
RG-KC-E
SORB0
SORB1
SORB2
SORB3
SORB4
SORB5
SORB6
SORB7
SNKB0
SNKB1
SNKB2
SNKB3
SNKB4
SNKB5
SNKB6
SNKB7
GND
SORC0
SORC1
SORC2
SORC3
SORC4
SORC5
SORC6
SORC7
SNKC0
SNKC1
SNKC2
SNKC3
SNKC4
SNKC5
SNKC6
SNKC7
+5V

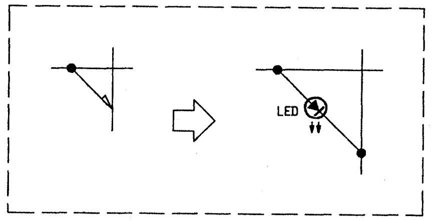
Keyboard

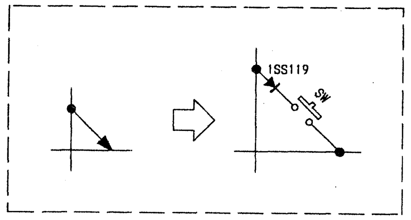
KC-17 BOARD (5/5)

BOARD NO.1-627-096-11 & HIGHER
PCM-3348

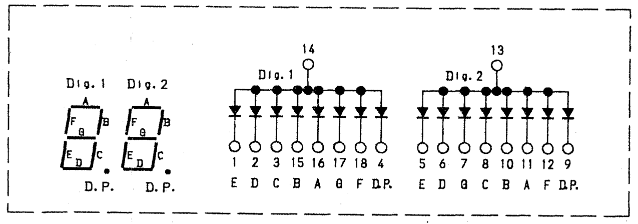

CN313
1 GND
2 GND
3 SORC0
4 SORC1
5 SORC2
6 SORC3
7 SORC4
8 SORC5
9 SORC6
10 SORC7
11 SNKC0
12 SNKC1
13 SNKC2
14 SNKC3
15 SNKC4
16 SNKC5
17 SNKC6
18 SNKC7
19 SORB0
20 SORB1
21 SORB2
22 SORB3
23 SORB4
24 SORB5
25 SORB6
26 SORB7
27 SNKB0
28 SNKB1
29 SNKB2
30 SNKB3
31 SNKB4
32 SNKB5
33 SNKB6
34 SNKB7
35 SORA1
36 SNKA6
37 ROWA1
38 ROWA2
39 ROWA3
40 COLA0
41 COLA1
42 COLA2
43 COLA3
44 COLA4
45 COLA5
46 COLA6
47 COLA7
48 TEST1
49 GND
50 GND
D.P.
G
F
E
D
C
B
A
L1
L2
L3
L4
L5
L6
SEC
10SEC
MIN
10MIN
HOUR
10HOUR
TAPE TIME (7SEG)
LOCATE TIME (7SEG)
LED1 AUTO INPUT
LED2 REC MUTE
LED3
LED4
LED5
LED6
LED7
LED8
R1 330
R2 330
R3 330
R4 330
R5 330
R6 330
D1 1SS119 ALL CHANNEL REC READY DIM
D2 1SS119 ALL CHANNEL REC READY
D3 1SS119 ALL CHANNEL REPRO DIM
D4 1SS119 ALL CHANNEL REPRO
D5 1SS119 ALL CHANNEL INPUT DIM
D6 1SS119 ALL CHANNEL INPUT
D7 1SS119 A1/A2 REC READY DIM
D8 1SS119 A1/A2 REC READY
D9 1SS119 A1/A2 REPRO DIM
D10 1SS119 A1/A2 REPRO
D11 1SS119 A1/A2 INPUT DIM
D12 1SS119 A1/A2 INPUT
SNKC7
SNKC6
SNKC5
SNKC4
SNKC3
SNKC2
SNKC1
SNKC0
LED17 TIMER
LED9 RELATIVE
LED10 ABSOLUTE
LED18 DF
LED11 CUE B
LED12 CUE A
LED13 TIME CODE REC READY
LED14 TIME CODE REPRO
LED15 TIME CODE INPUT
SNKB7
SNKB6
SNKB5
SNKB4
SNKB3
SNKB2
SNKB1
SNKB0
SORA1
SNKA6
LED16 VARI SPEED
ROWA1
ROWA2
ROWA3
D13 SW1 REC READY MUTE SET
D14 SW2 REC MUTE
D15 SW3 ALL CHANNEL REC READY
D16 SW4 A1/A2 REC READY
D17 SW5 TIME CODE REC READY
D18 (TEST)
D19 SW6 ALL CHANNEL REPRO
D20 SW7 A1/A2 REPRO
D21 SW8 TIME CODE REPRO
D22 SW9 ALL CHANNEL INPUT
D23 SW10 A1/A2 INPUT
D24 SW11 TIME CODE INPUT
D25 SW12 AUTO INPUT
D26 SW13 TAPE TIME RESET
D27 SW14 TAPE TIME ABS/REL
D28 SW15 CUE STORE A
D29 SW16 CUE STORE B
D30 SW17 CUE RECALL A
D31 SW18 CUE RECALL B
COLA7
COLA6
COLA5
COLA4
COLA3
COLA2
COLA1
COLA0

No.	SW	LED
1	SW2	LED2
2	SW3	LED3
3	SW4	LED6
4	SW5	LED13
5	SW6	LED4
6	SW7	LED7
7	SW8	LED14
8	SW9	LED5
9	SW10	LED8
10	SW11	LED15
11	SW12	LED1





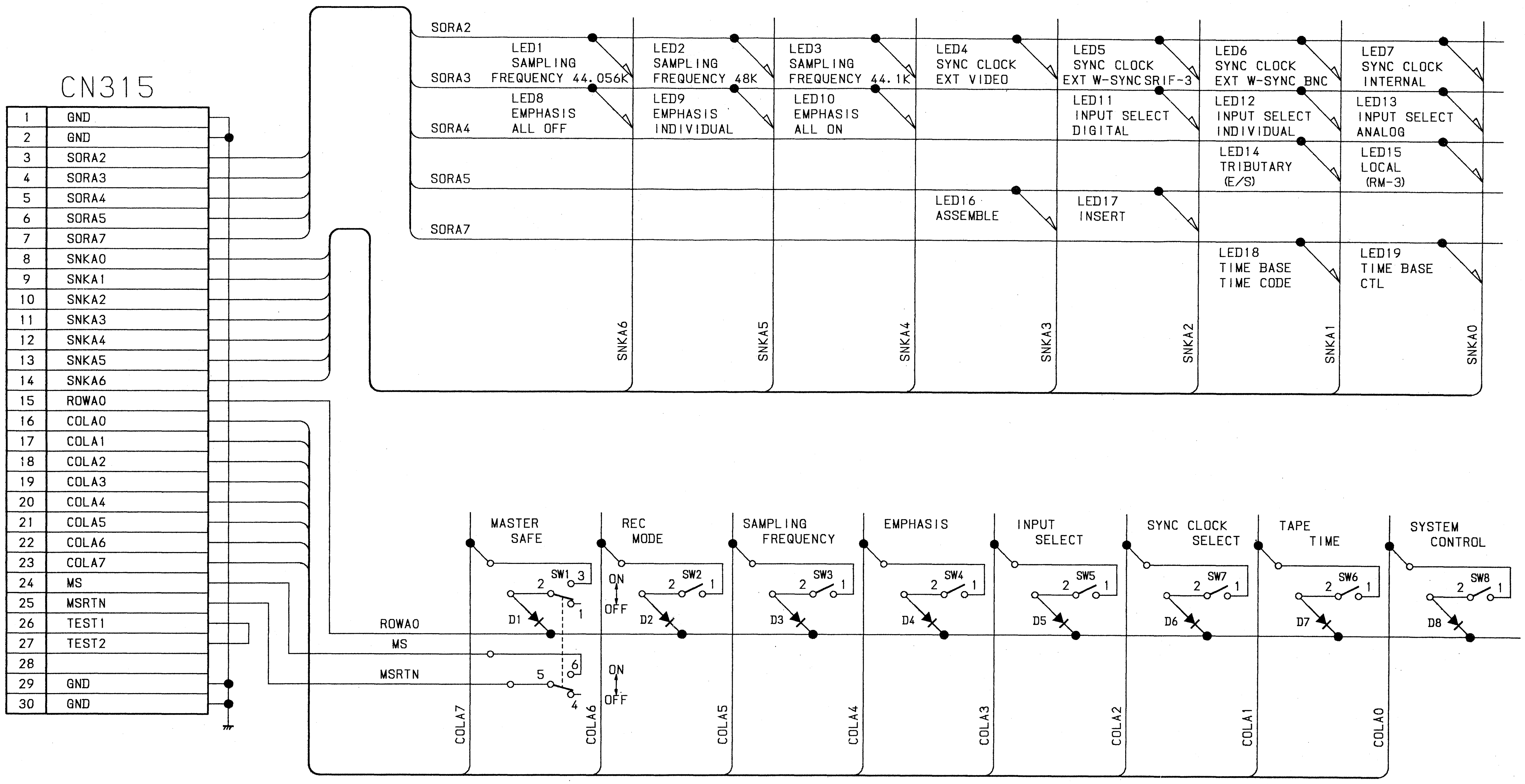
L1 ~ L6

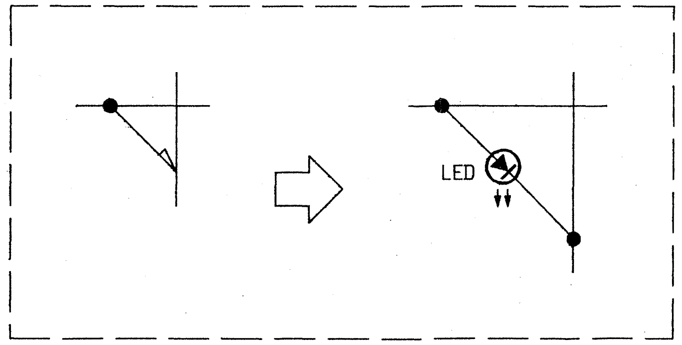

Dig. 1
Dig. 2
D.P.
D.P.
14
13
1 2 3 15 16 17 18 4
E D C B A G F D.P.
5 6 7 8 10 11 12 9
E D G C B A F D.P.

Keyboard

KY-140 BOARD

BOARD NO.1-627-137-11 & HIGHER
PCM-3348

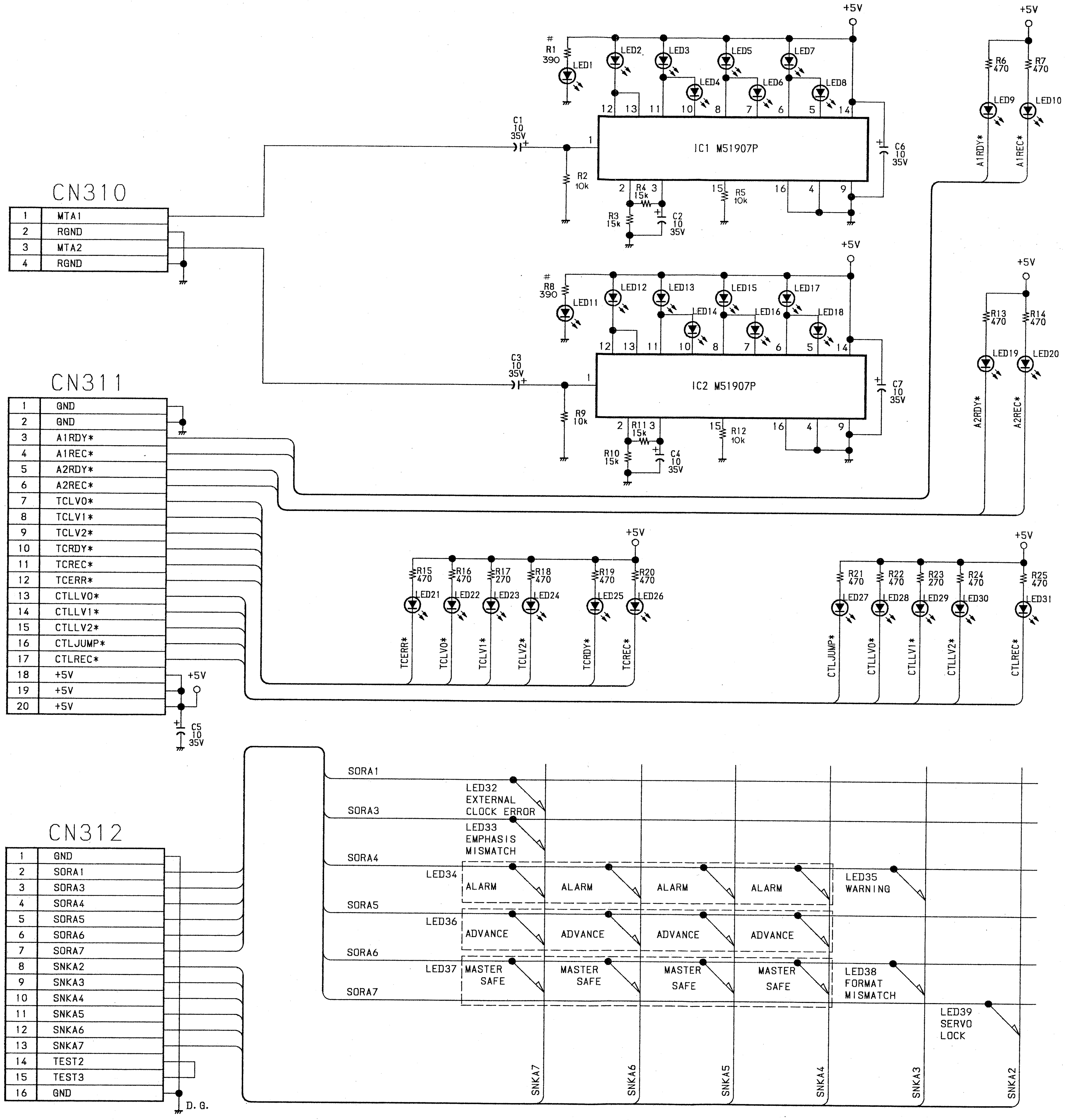

CN315
1 GND
2 GND
3 SORA2
4 SORA3
5 SORA4
6 SORA5
7 SORA7
8 SNKA0
9 SNKA1
10 SNKA2
11 SNKA3
12 SNKA4
13 SNKA5
14 SNKA6
15 ROWA0
16 COLA0
17 COLA1
18 COLA2
19 COLA3
20 COLA4
21 COLA5
22 COLA6
23 COLA7
24 MS
25 MSRTN
26 TEST1
27 TEST2
28
29 GND
30 GND
SORA2
SORA3
SORA4
SORA5
SORA7
LED1 SAMPLING FREQUENCY 44.056K
LED2 SAMPLING FREQUENCY 48K
LED3 SAMPLING FREQUENCY 44.1K
LED4 SYNC CLOCK EXT VIDEO
LED5 SYNC CLOCK EXT W-SYNC SRIF-3
LED6 SYNC CLOCK EXT W-SYNC BNC
LED7 SYNC CLOCK INTERNAL
LED8 EMPHASIS ALL OFF
LED9 EMPHASIS INDIVIDUAL
LED10 EMPHASIS ALL ON
LED11 INPUT SELECT DIGITAL
LED12 INPUT SELECT INDIVIDUAL
LED13 INPUT SELECT ANALOG
LED14 TRIBUTARY (E/S)
LED15 LOCAL (RM-3)
LED16 ASSEMBLE
LED17 INSERT
LED18 TIME BASE TIME CODE
LED19 TIME BASE CTL
SNKA6
SNKA5
SNKA4
SNKA3
SNKA2
SNKA1
SNKA0
MASTER SAFE
REC MODE
SAMPLING FREQUENCY
EMPHASIS
INPUT SELECT
SYNC CLOCK SELECT
TAPE TIME
SYSTEM CONTROL
SW1
SW2
SW3
SW4
SW5
SW7
SW6
SW8
ON
OFF
ON
OFF
D1
D2
D3
D4
D5
D6
D7
D8
ROWA0
MS
MSRTN
COLA7
COLA6
COLA5
COLA4
COLA3
COLA2
COLA1
COLA0



Keyboard

KY-141 BOARD

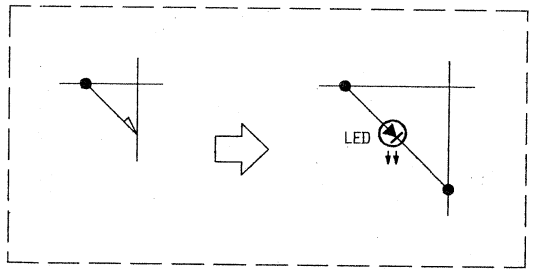
BOARD NO. 1-627-138-11 & HIGHER
PCM-3348



CN310
1 MTA1
2 RGND
3 MTA2
4 RGND
CN311
1 GND
2 GND
3 A1RDY*
4 A1REC*
5 A2RDY*
6 A2REC*
7 TCLV0*
8 TCLV1*
9 TCLV2*
10 TCRDY*
11 TCREC*
12 TCERR*
13 CTLLV0*
14 CTLLV1*
15 CTLLV2*
16 CTLJUMP*
17 CTLREC*
18 +5V
19 +5V
20 +5V
CN312
1 GND
2 SORA1
3 SORA3
4 SORA4
5 SORA5
6 SORA6
7 SORA7
8 SNKA2
9 SNKA3
10 SNKA4
11 SNKA5
12 SNKA6
13 SNKA7
14 TEST2
15 TEST3
16 GND
D.G.
IC1 M51907P
IC2 M51907P
+5V
# R1 390
# R8 390
R2 10k
R9 10k
R3 15k
R4 15k
R10 15k
R11 15k
R5 10k
R12 10k
R6 470
R7 470
R13 470
R14 470
R15 470
R16 470
R17 270
R18 470
R19 470
R20 470
R21 470
R22 470
R23 270
R24 470
R25 470
C1 10 35V
C2 10 35V
C3 10 35V
C4 10 35V
C5 10 35V
C6 10 35V
C7 10 35V
LED1 LED2 LED3 LED4 LED5 LED6 LED7 LED8 LED9 LED10
LED11 LED12 LED13 LED14 LED15 LED16 LED17 LED18 LED19 LED20
LED21 LED22 LED23 LED24 LED25 LED26 LED27 LED28 LED29 LED30 LED31
A1RDY*
A1REC*
A2RDY*
A2REC*
TCERR*
TCLV0*
TCLV1*
TCLV2*
TCRDY*
TCREC*
CTLJUMP*
CTLLV0*
CTLLV1*
CTLLV2*
CTLREC*
SORA1
SORA3
SORA4
SORA5
SORA6
SORA7
LED32 EXTERNAL CLOCK ERROR
LED33 EMPHASIS MISMATCH
LED34
ALARM
ALARM
ALARM
ALARM
LED35 WARNING
LED36
ADVANCE
ADVANCE
ADVANCE
ADVANCE
LED37
MASTER SAFE
MASTER SAFE
MASTER SAFE
MASTER SAFE
LED38 FORMAT MISMATCH
LED39 SERVO LOCK
SNKA7
SNKA6
SNKA5
SNKA4
SNKA3
SNKA2

#: Changed Information

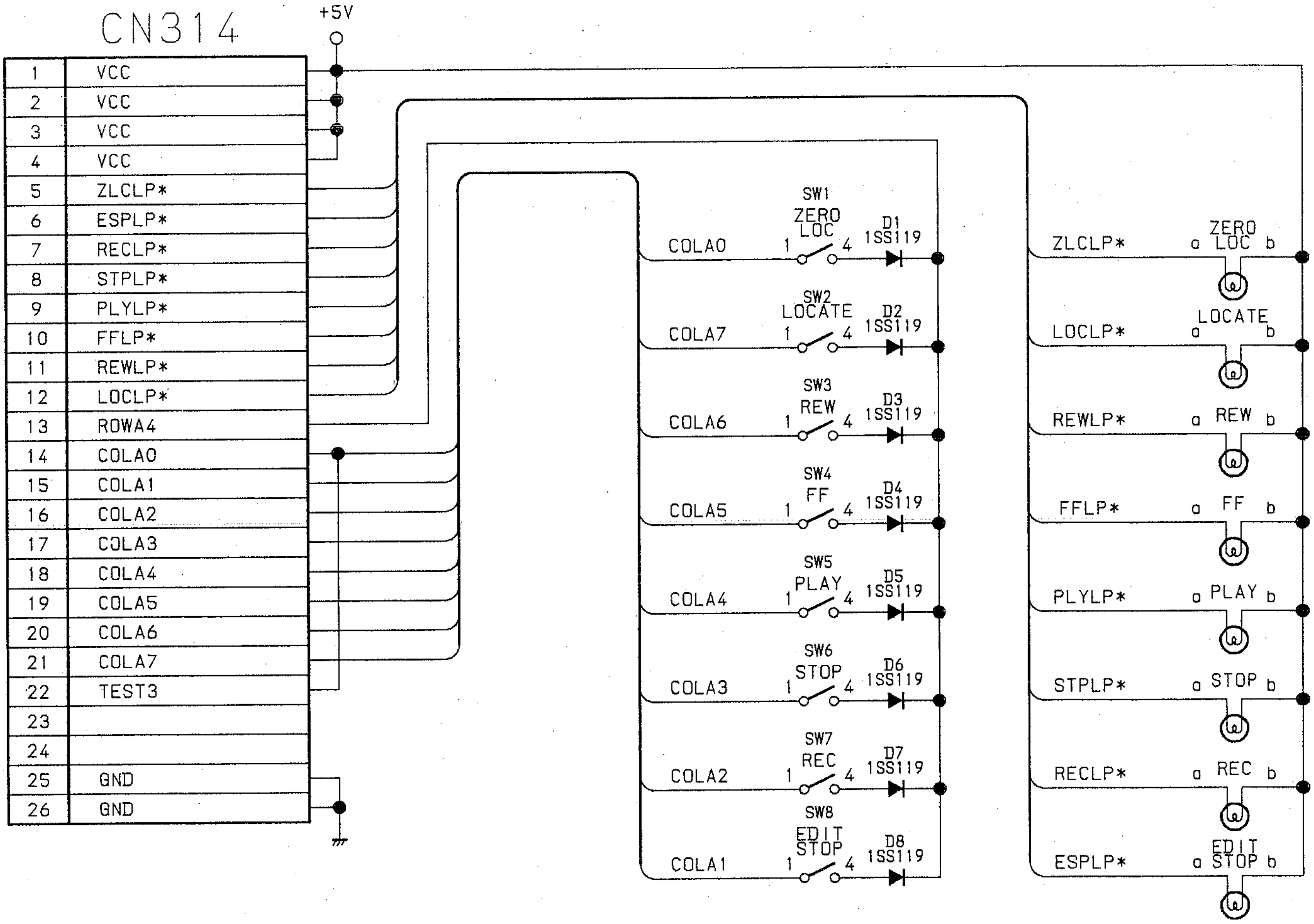
Applied Serial No.	Parts that have been changed.
10101 and higher	R1, R8 270 Ω → 390 Ω R5, R12 5.6 k → 10 k



Keyboard

KY-142 BOARD

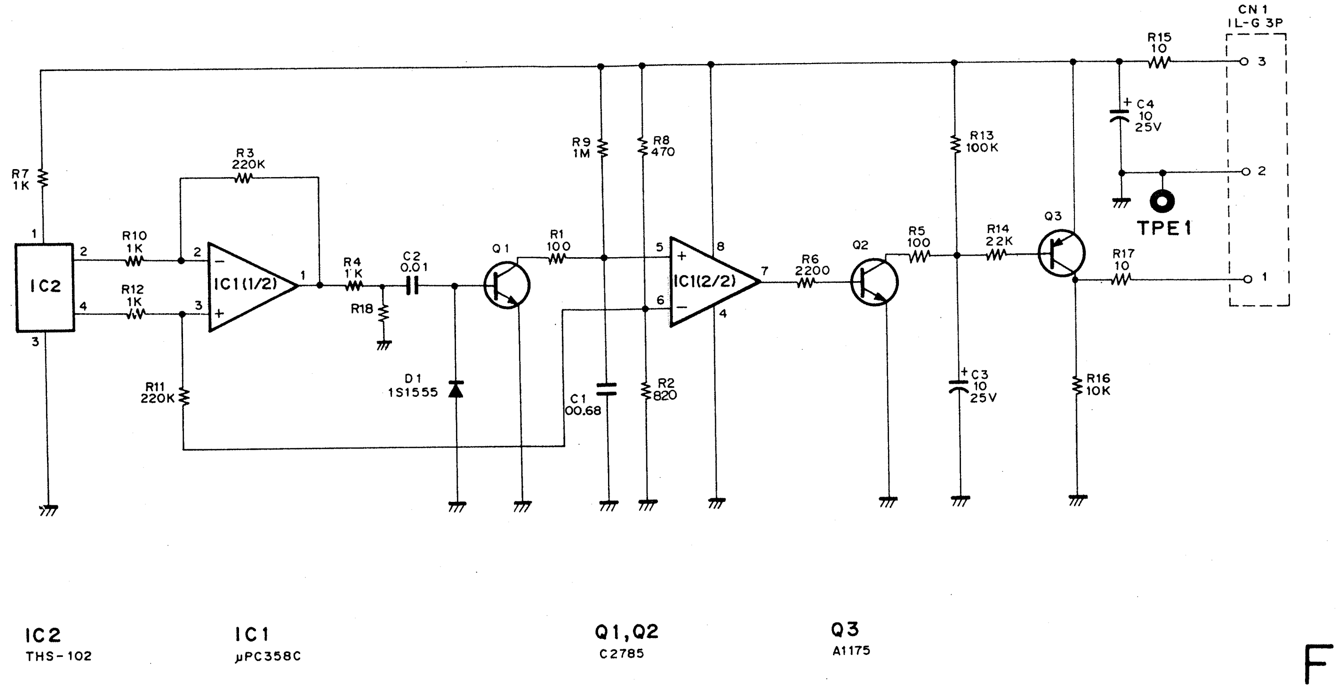
BOARD NO. 1-627-139-11 & HIGHER
PCM-3348


CN314
+5V
1 VCC
2 VCC
3 VCC
4 VCC
5 ZLCLP*
6 ESPLP*
7 RECLP*
8 STPLP*
9 PLYLP*
10 FFLP*
11 REWLP*
12 LOCLP*
13 ROWA4
14 COLA0
15 COLA1
16 COLA2
17 COLA3
18 COLA4
19 COLA5
20 COLA6
21 COLA7
22 TEST3
23
24
25 GND
26 GND
COLA0
SW1 ZERO LOC
D1 1SS119
COLA7
SW2 LOCATE
D2 1SS119
COLA6
SW3 REW
D3 1SS119
COLA5
SW4 FF
D4 1SS119
COLA4
SW5 PLAY
D5 1SS119
COLA3
SW6 STOP
D6 1SS119
COLA2
SW7 REC
D7 1SS119
COLA1
SW8 EDIT STOP
D8 1SS119
1
4
ZLCLP*
LOCLP*
REWLP*
FFLP*
PLYLP*
STPLP*
RECLP*
ESPLP*
a
b
ZERO LOC
LOCATE
REW
FF
PLAY
STOP
REC
EDIT STOP

Key board

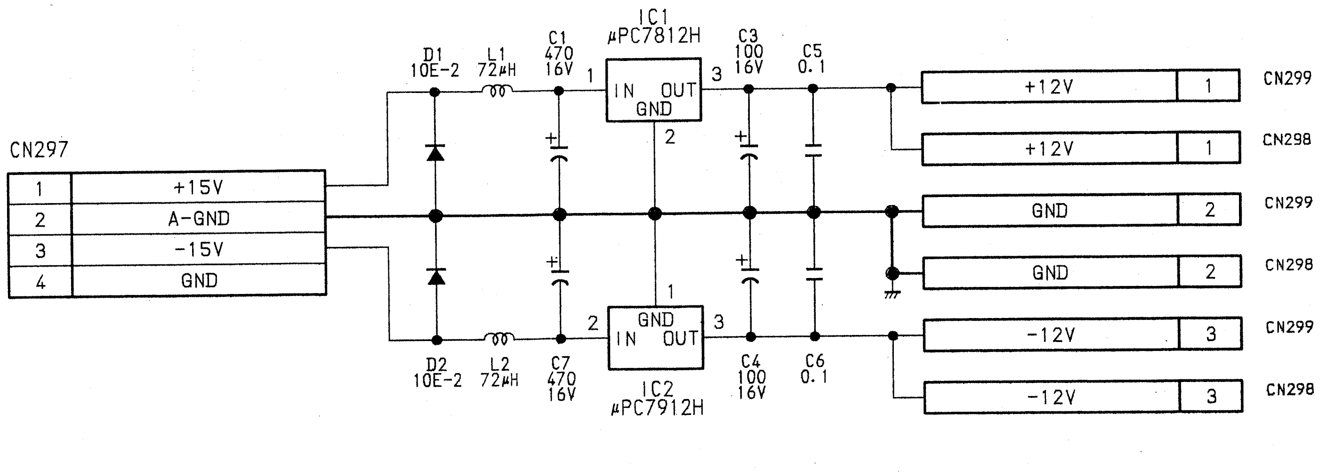
KY-143 BOARD

BOARD NO.1-627-140-11 & HIGHER
PCM-3348


CN1
IL-G 3P
R15
10
3
C4
10
25V
2
TPE1
R17
10
1
R7
1K
R3
220K
R10
1K
R12
1K
IC2
1
2
4
3
IC1(1/2)
R11
220K
R4
1K
R18
C2
0.01
D1
1S1555
Q1
R1
100
R9
1M
R8
470
C1
00.68
R2
820
IC1(2/2)
5
6
8
7
4
R6
2200
Q2
R5
100
R13
100K
C3
10
25V
R14
22K
Q3
R16
10K
IC2
THS-102
IC1
μPC358C
Q1,Q2
C2785
Q3
A1175

FAM-14 BOARD

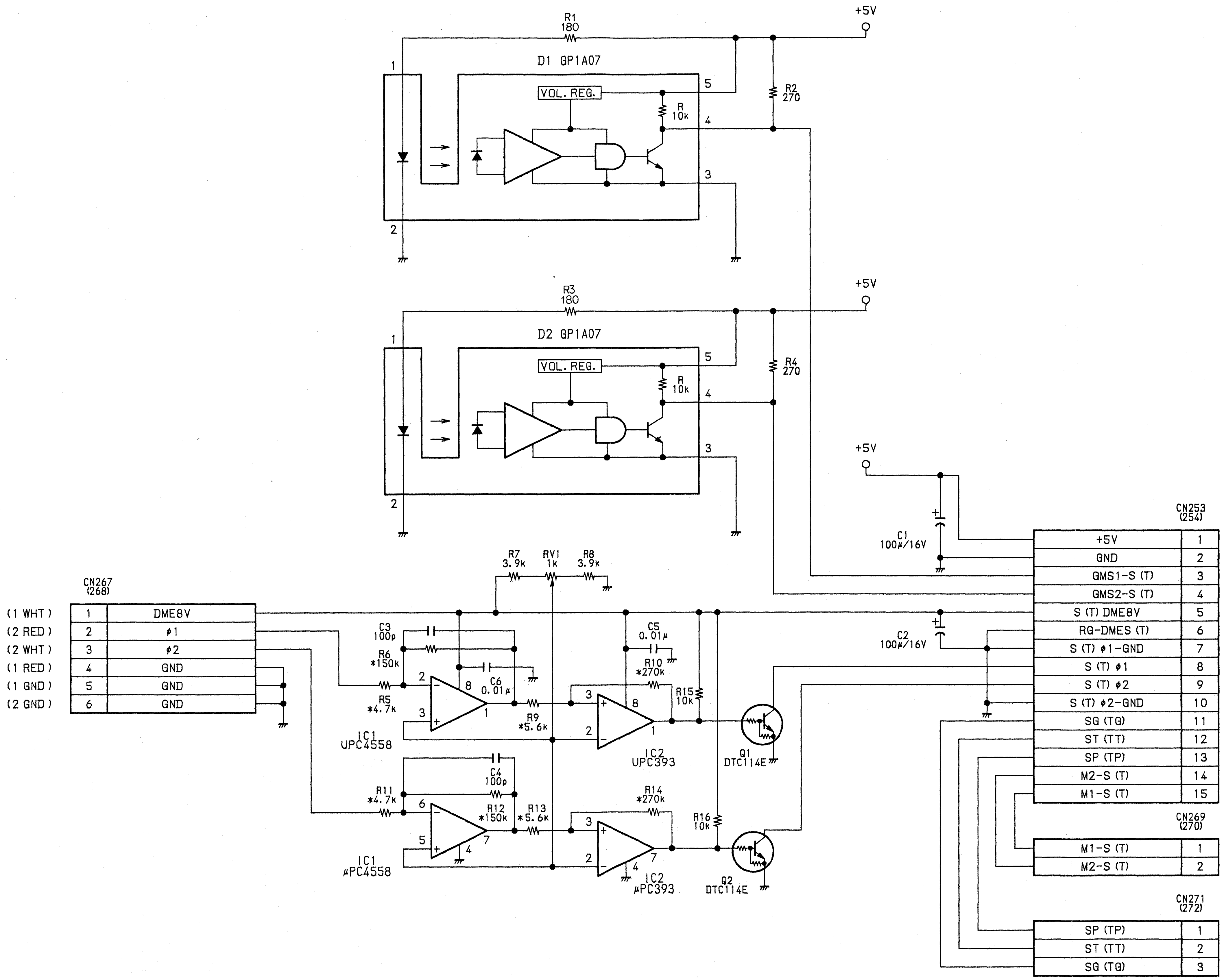
BOARD NO.1-625-537-12 & HIGHER
PCM-3348


CN297
1
+15V
2
A-GND
3
-15V
4
GND
D1
10E-2
L1
72μH
C1
470
16V
IC1
μPC7812H
IN
OUT
GND
1
2
3
C3
100
16V
C5
0.1
+12V
1
CN299
+12V
1
CN298
GND
2
CN299
GND
2
CN298
-12V
3
CN299
-12V
3
CN298
D2
10E-2
L2
72μH
C7
470
16V
GND
IN
OUT
IC2
μPC7912H
C4
100
16V
C6
0.1

Filter

FL-60 BOARD

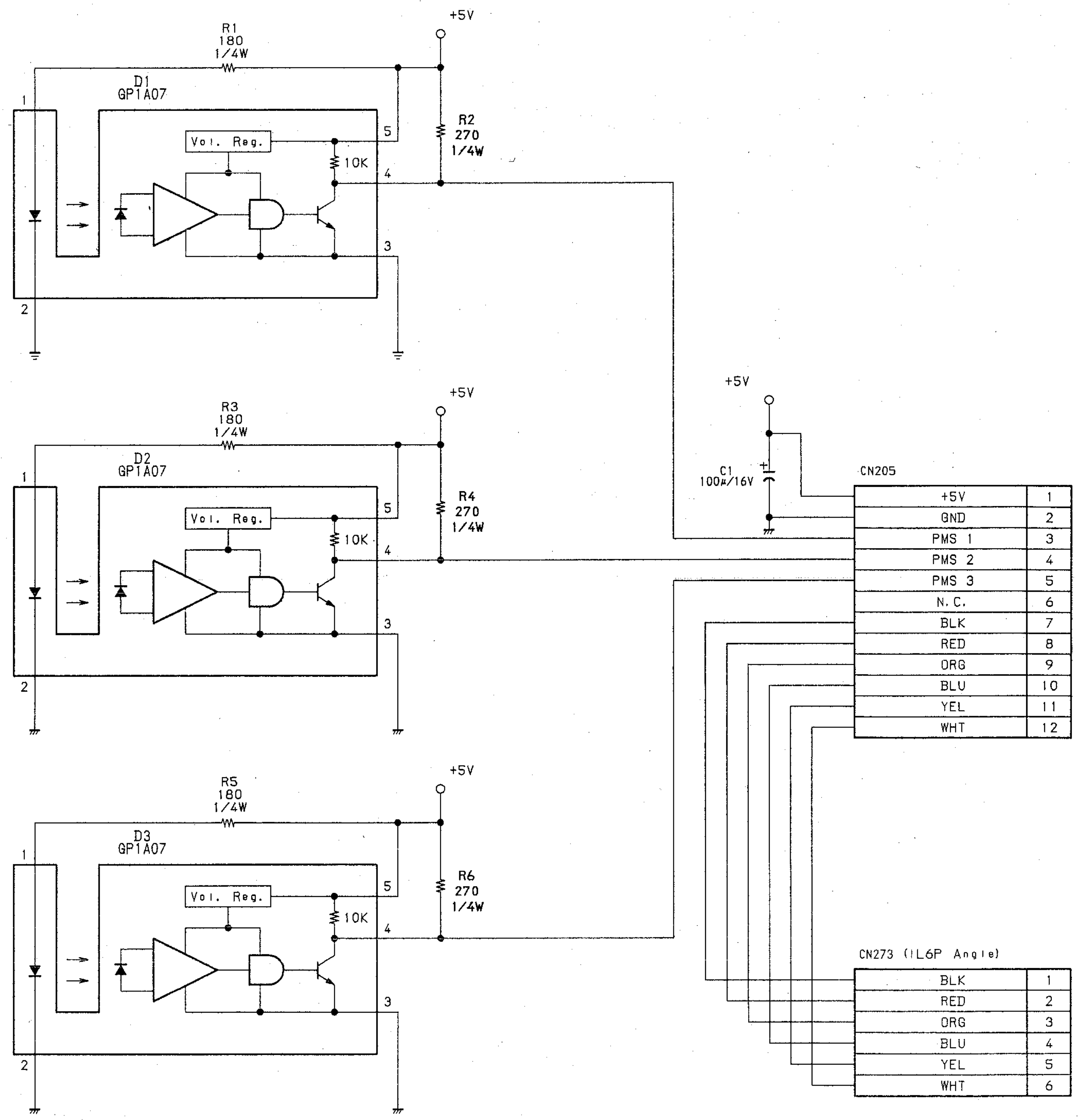
BOARD NO.1-627-124-11 & HIGHER
PCM-3348


+5V
R1 180
D1 GP1A07
VOL. REG.
R 10k
R2 270
R3 180
D2 GP1A07
R4 270
C1 100µ/16V
C2 100µ/16V
CN253 (254)
+5V 1
GND 2
GMS1-S (T) 3
GMS2-S (T) 4
S (T) DME8V 5
RG-DMES (T) 6
S (T) ϕ1-GND 7
S (T) ϕ1 8
S (T) ϕ2 9
S (T) ϕ2-GND 10
SG (TG) 11
ST (TT) 12
SP (TP) 13
M2-S (T) 14
M1-S (T) 15
CN267 (268)
(1 WHT) 1 DME8V
(2 RED) 2 ϕ1
(2 WHT) 3 ϕ2
(1 RED) 4 GND
(1 GND) 5 GND
(2 GND) 6 GND
R7 3.9k
RV1 1k
R8 3.9k
C3 100p
R6 *150k
R5 *4.7k
C6 0.01µ
IC1 UPC4558
R9 *5.6k
C5 0.01µ
R10 *270k
R15 10k
IC2 UPC393
Q1 DTC114E
C4 100p
R11 *4.7k
R12 *150k
R13 *5.6k
R14 *270k
R16 10k
IC1 µPC4558
IC2 µPC393
Q2 DTC114E
CN269 (270)
M1-S (T) 1
M2-S (T) 2
CN271 (272)
SP (TP) 1
ST (TT) 2
SG (TG) 3

Geared Motor

GMT-1 BOARD

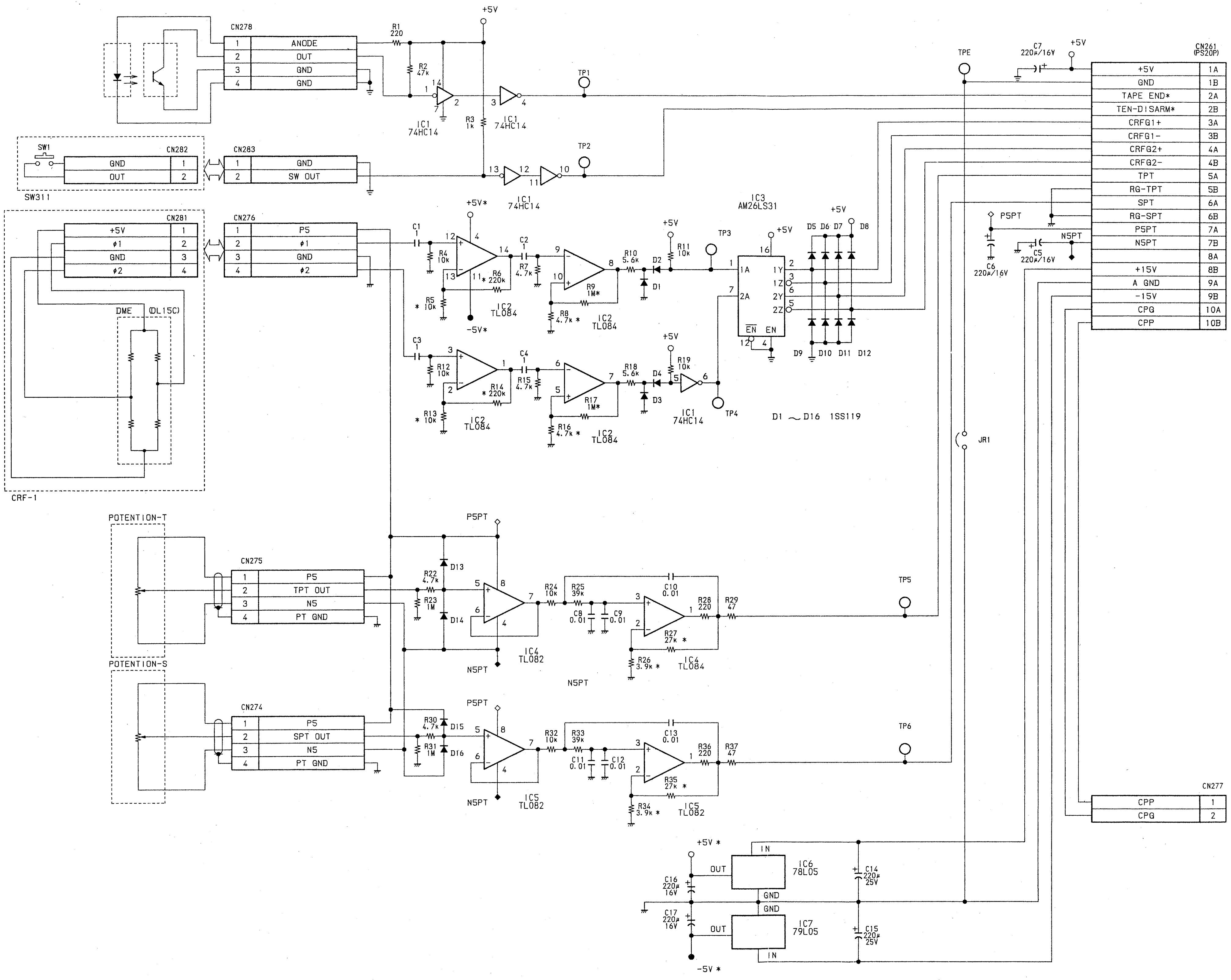
BOARD NO.1-627-101-11 & HIGHER
PCM-3348


+5V
R1
180
1/4W
D1
GP1A07
1
2
3
4
5
Vol. Reg.
10K
R2
270
1/4W
+5V
R3
180
1/4W
D2
GP1A07
Vol. Reg.
10K
R4
270
1/4W
+5V
R5
180
1/4W
D3
GP1A07
Vol. Reg.
10K
R6
270
1/4W
+5V
C1
100µ/16V
CN205
+5V 1
GND 2
PMS 1 3
PMS 2 4
PMS 3 5
N.C. 6
BLK 7
RED 8
ORG 9
BLU 10
YEL 11
WHT 12
CN273 (IL6P Angle)
BLK 1
RED 2
ORG 3
BLU 4
YEL 5
WHT 6

Pulse Motor

PMT-1 BOARD

BOARD NO.1-627-102-11 & HIGHER
PCM-3348


CN278
ANODE
OUT
GND
GND
+5V
R1 220
R2 47k
R3 1k
IC1 74HC14
TP1
TP2
SW1
GND
OUT
CN282
CN283
SW OUT
SW311
CN281
CN276
+5V
ϕ1
ϕ2
P5
DME
(DL15C)
CRF-1
+5V*
-5V*
IC2 TL084
IC3 AM26LS31
TP3
TP4
D1 ～ D16 1SS119
JR1
POTENTION-T
POTENTION-S
CN275
TPT OUT
N5
PT GND
CN274
SPT OUT
P5PT
N5PT
IC4 TL082
IC4 TL084
IC5 TL082
TP5
TP6
TPE
C7 220μ/16V
C6 220μ/16V
C5 220μ/16V
CN261 (PS20P)
+5V
GND
TAPE END*
TEN-DISARM*
CRFG1+
CRFG1-
CRFG2+
CRFG2-
TPT
RG-TPT
SPT
RG-SPT
P5PT
N5PT
+15V
A GND
-15V
CPG
CPP
1A
1B
2A
2B
3A
3B
4A
4B
5A
5B
6A
6B
7A
7B
8A
8B
9A
9B
10A
10B
CN277
CPP
CPG
IC6 78L05
IC7 79L05
C14 220μ 25V
C15 220μ 25V
C16 220μ 16V
C17 220μ 16V
IN
OUT
GND
+5V *
-5V *

Potentio

PTN-1 BOARD

BOARD NO.1-627-105-12 & HIGHER
PCM-3348

Capstan Roller

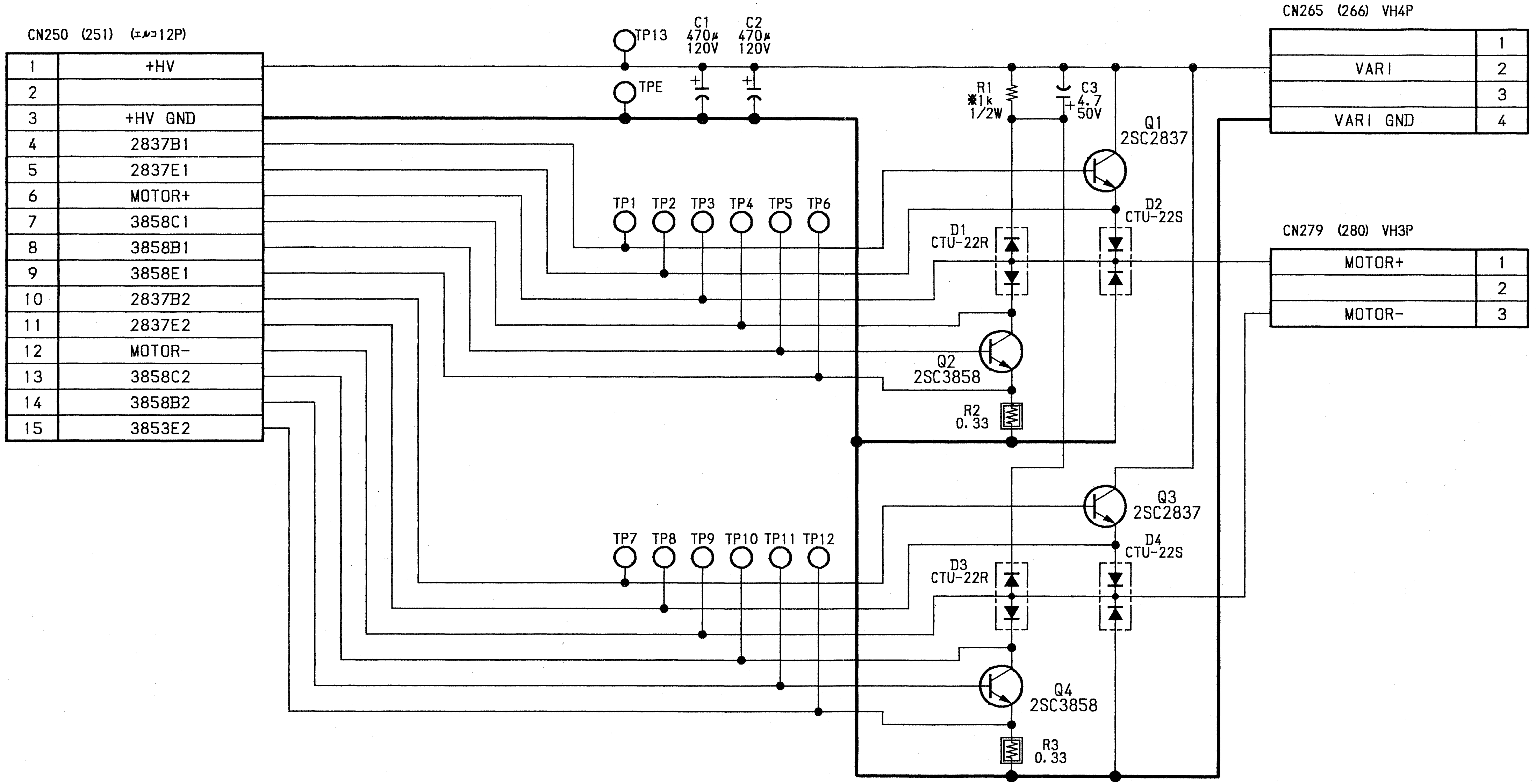
CRF-1 BOARD

BOARD NO.1-627-103-11 & HIGHER
PCM-3348

Switch

SW-311 BOARD

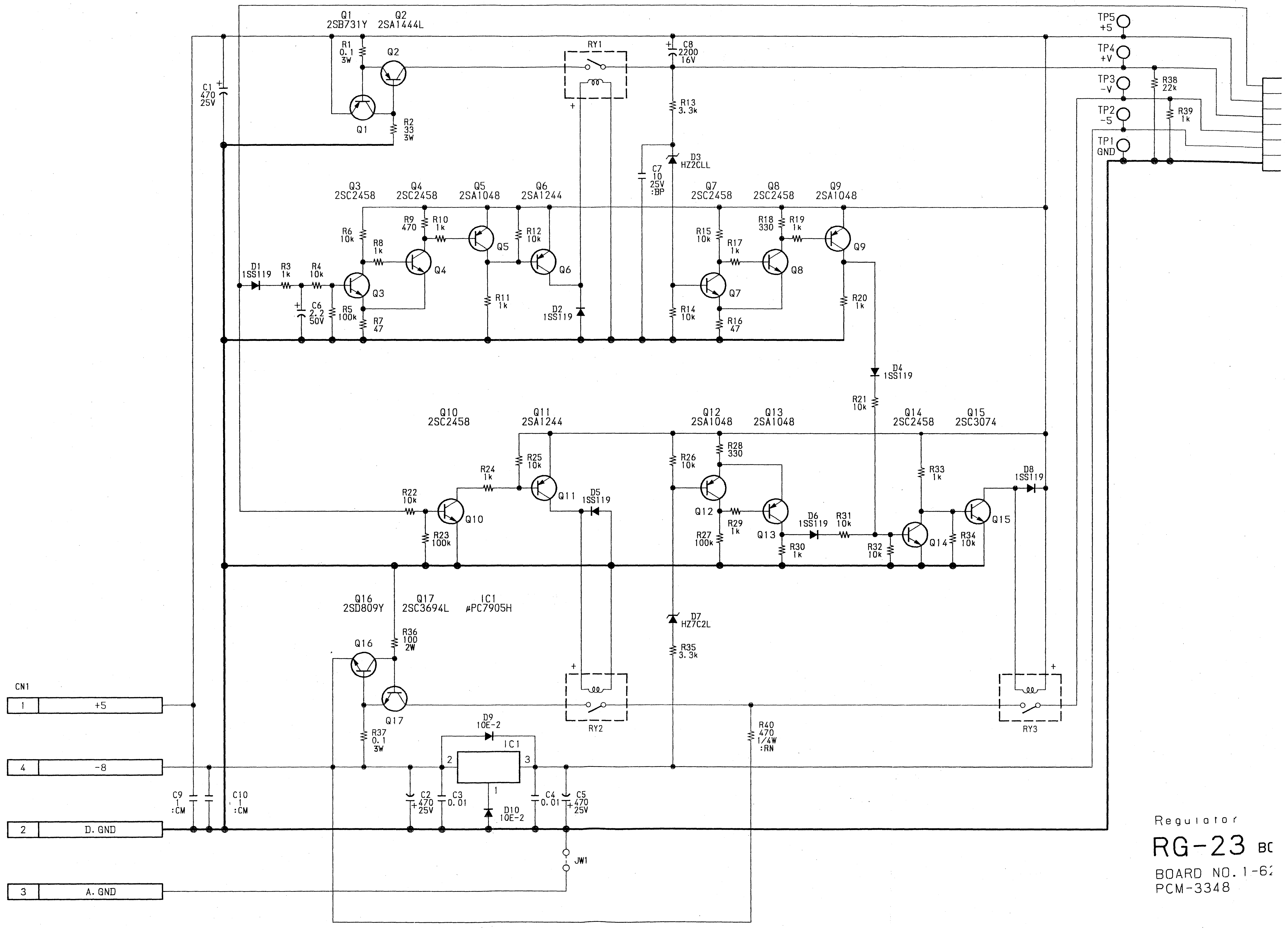
BOARD NO.1-627-104-11 & HIGHER
PCM-3348


CN250 (251) (ｴﾙｺ12P)
1 +HV
2
3 +HV GND
4 2837B1
5 2837E1
6 MOTOR+
7 3858C1
8 3858B1
9 3858E1
10 2837B2
11 2837E2
12 MOTOR-
13 3858C2
14 3858B2
15 3853E2
TP13
TPE
C1 470µ 120V
C2 470µ 120V
R1 ✱1k 1/2W
C3 4.7 50V
Q1 2SC2837
D1 CTU-22R
D2 CTU-22S
TP1 TP2 TP3 TP4 TP5 TP6
Q2 2SC3858
R2 0.33
Q3 2SC2837
D3 CTU-22R
D4 CTU-22S
TP7 TP8 TP9 TP10 TP11 TP12
Q4 2SC3858
R3 0.33
CN265 (266) VH4P
1
VARI 2
3
VARI GND 4
CN279 (280) VH3P
MOTOR+ 1
2
MOTOR- 3

Power Transistor

PWT-1 BOARD

BOARD NO. 1-627-106-11 & HIGHER
PCM-3348

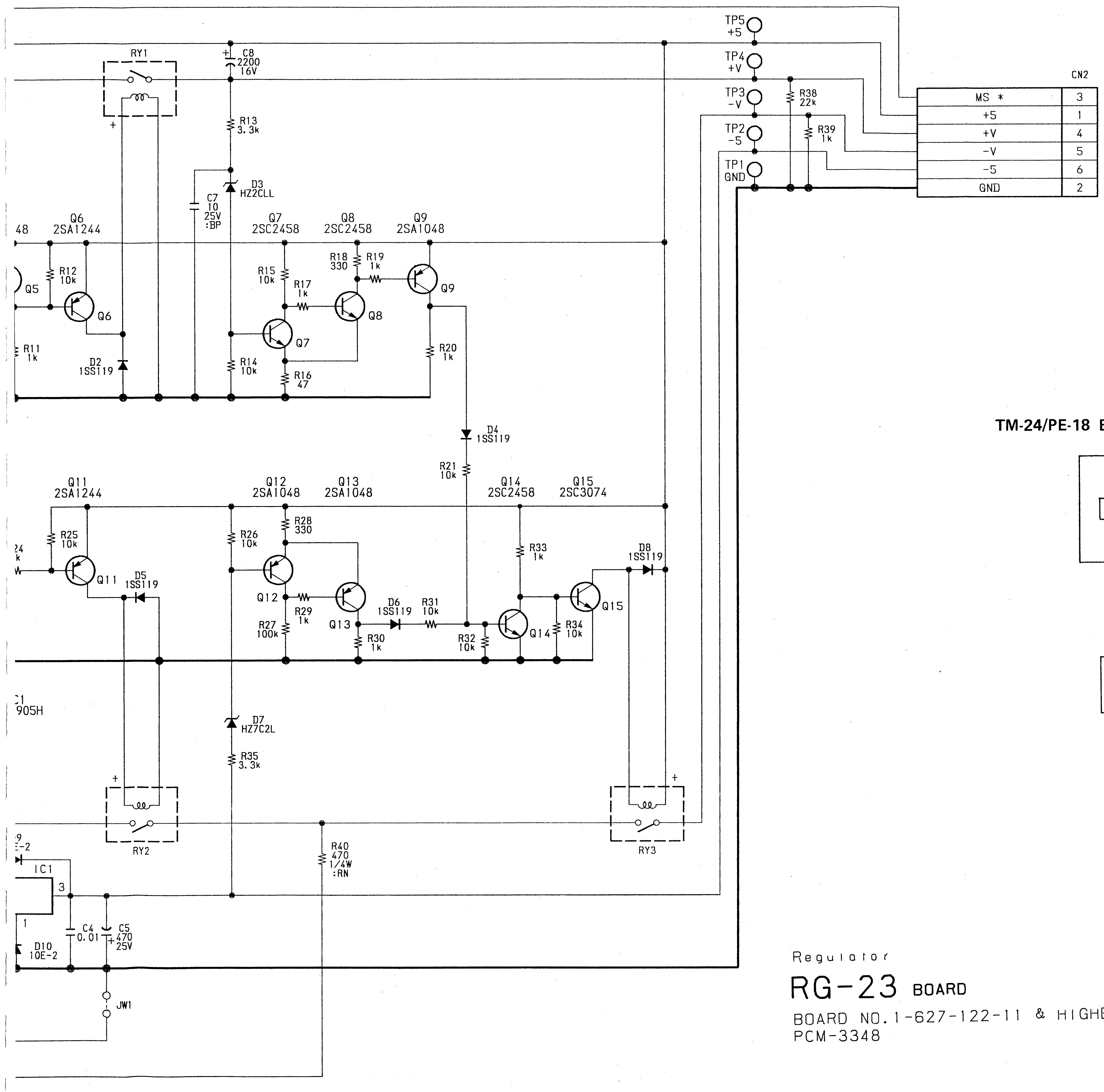

Q1 2SB731Y
Q2 2SA1444L
R1 0.1 3W
R2 33 3W
C1 470 25V
RY1
C8 2200 16V
R13 3.3k
D3 HZ2CLL
C7 10 25V :BP
TP5 +5
TP4 +V
TP3 -V
TP2 -5
TP1 GND
R38 22k
R39 1k
Q3 2SC2458
Q4 2SC2458
Q5 2SA1048
Q6 2SA1244
Q7 2SC2458
Q8 2SC2458
Q9 2SA1048
R6 10k
R9 470
R10 1k
R12 10k
R8 1k
R15 10k
R18 330
R19 1k
R17 1k
D1 1SS119
R3 1k
R4 10k
C6 2.2 50V
R5 100k
R7 47
R11 1k
D2 1SS119
R14 10k
R16 47
R20 1k
D4 1SS119
R21 10k
Q10 2SC2458
Q11 2SA1244
Q12 2SA1048
Q13 2SA1048
Q14 2SC2458
Q15 2SC3074
R24 1k
R25 10k
R26 10k
R28 330
R33 1k
D8 1SS119
R22 10k
D5 1SS119
R23 100k
R29 1k
R27 100k
D6 1SS119
R31 10k
R30 1k
R32 10k
R34 10k
Q16 2SD809Y
Q17 2SC3694L
IC1 μPC7905H
R36 100 2W
D7 HZ7C2L
R35 3.3k
CN1
1 +5
4 -8
2 D.GND
3 A.GND
RY2
RY3
R37 0.1 3W
D9 10E-2
IC1
R40 470 1/4W :RN
C9 1 :CM
C10 1 :CM
C2 470 25V
C3 0.01
D10 10E-2
C4 0.01
C5 470 25V
JW1

Regulator

RG-23

BOARD NO. 1-6

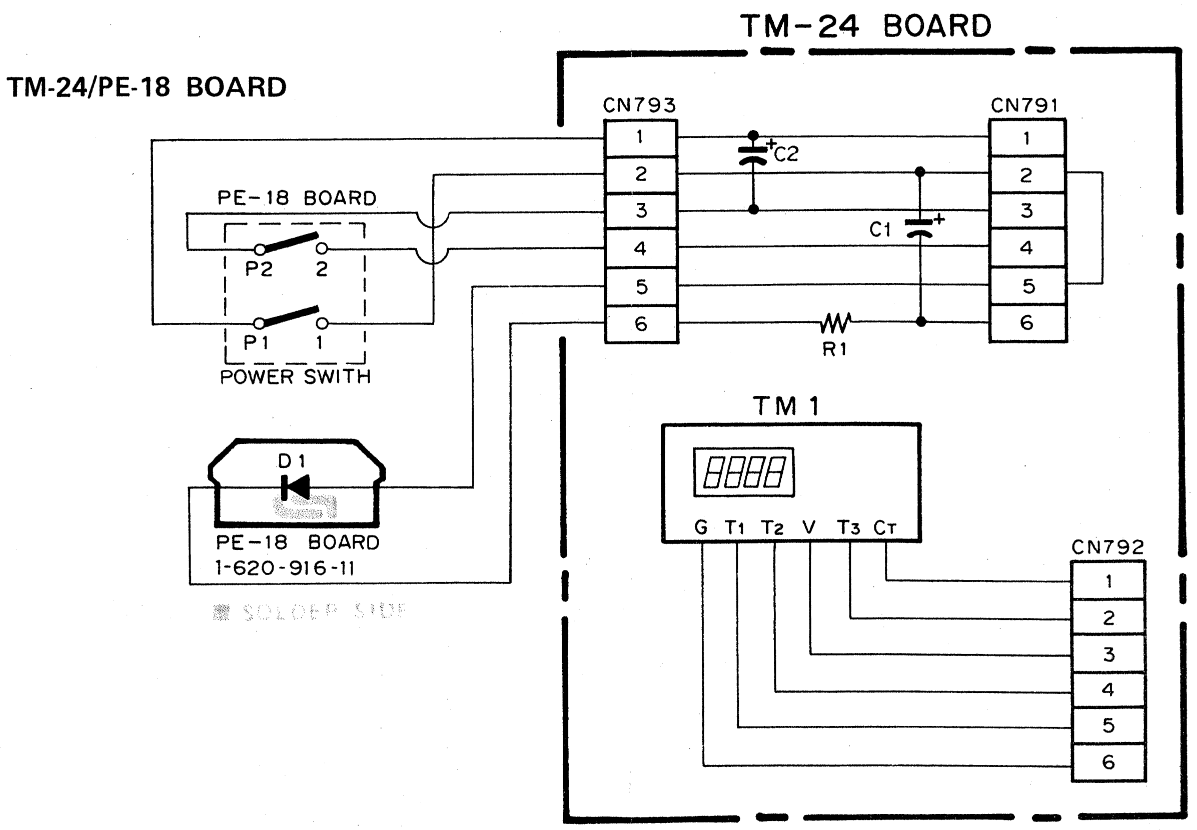
PCM-3348


TP5 +5
TP4 +V
TP3 -V
TP2 -5
TP1 GND
CN2
MS * 3
+5 1
+V 4
-V 5
-5 6
GND 2
R38 22k
R39 1k
RY1
C8 2200 16V
R13 3.3k
C7 10 25V :BP
D3 HZ2CLL
Q6 2SA1244
Q7 2SC2458
Q8 2SC2458
Q9 2SA1048
R12 10k
Q5
Q6
R11 1k
D2 1SS119
R15 10k
R17 1k
R18 330
R19 1k
Q7
Q8
Q9
R14 10k
R16 47
R20 1k
D4 1SS119
R21 10k
Q11 2SA1244
Q12 2SA1048
Q13 2SA1048
Q14 2SC2458
Q15 2SC3074
R25 10k
R26 10k
R28 330
R33 1k
D8 1SS119
Q11
D5 1SS119
Q12
R29 1k
R27 100k
Q13
D6 1SS119
R31 10k
R30 1k
R32 10k
Q14
R34 10k
Q15
D7 HZ7C2L
R35 3.3k
RY2
RY3
R40 470 1/4W :RN
IC1
3
1
C4 0.01
C5 470 25V
D10 10E-2
JW1

Regulator

RG-23 BOARD

BOARD NO.1-627-122-11 & HIGHER
PCM-3348

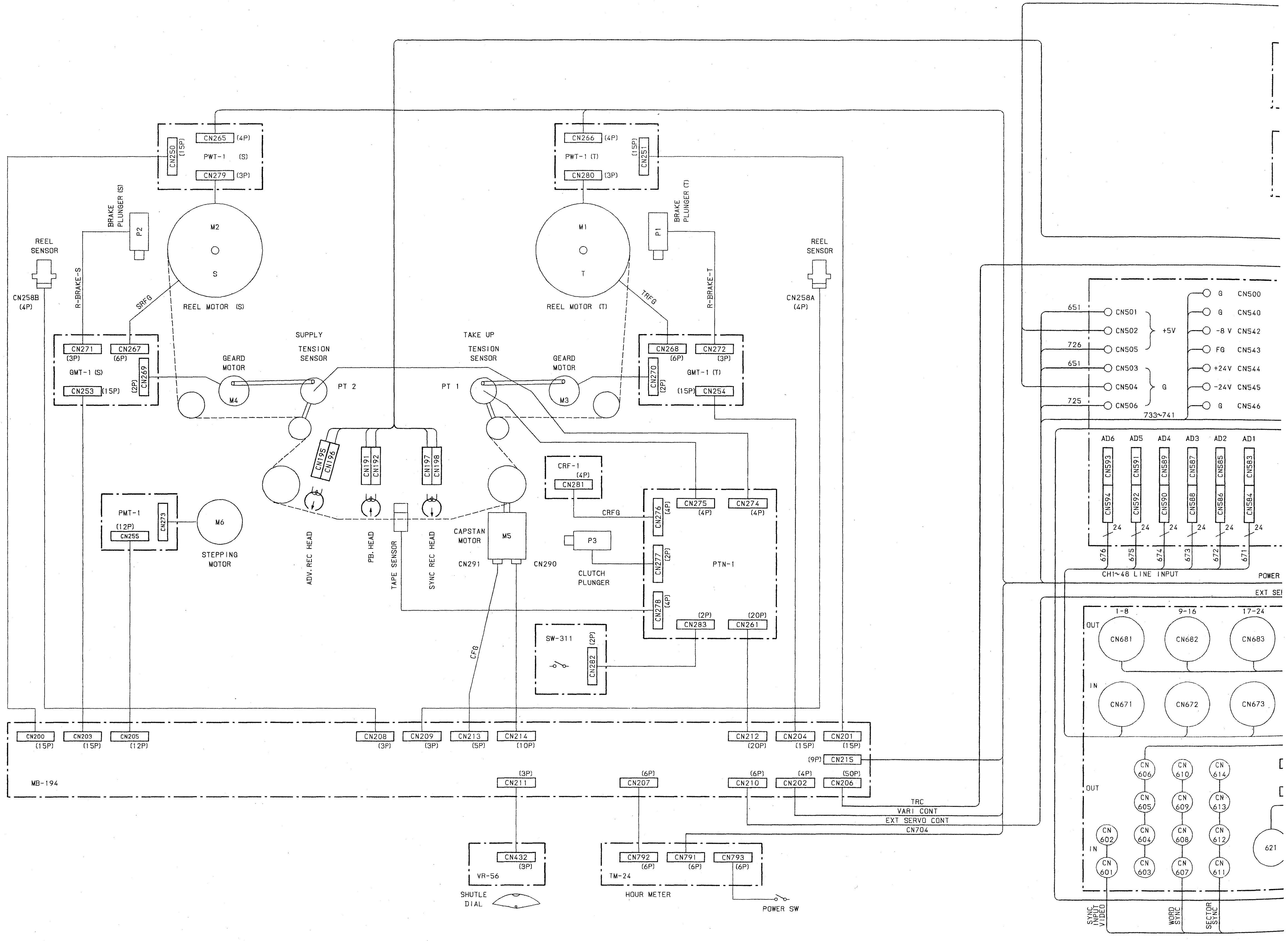

TM-24/PE-18 BOARD
TM-24 BOARD
CN793
CN791
C2
C1
R1
PE-18 BOARD
P2 2
P1 1
POWER SWITH
D1
PE-18 BOARD
1-620-916-11
SOLDER SIDE
TM1
8888
G T1 T2 V T3 CT
CN792
1
2
3
4
5
6

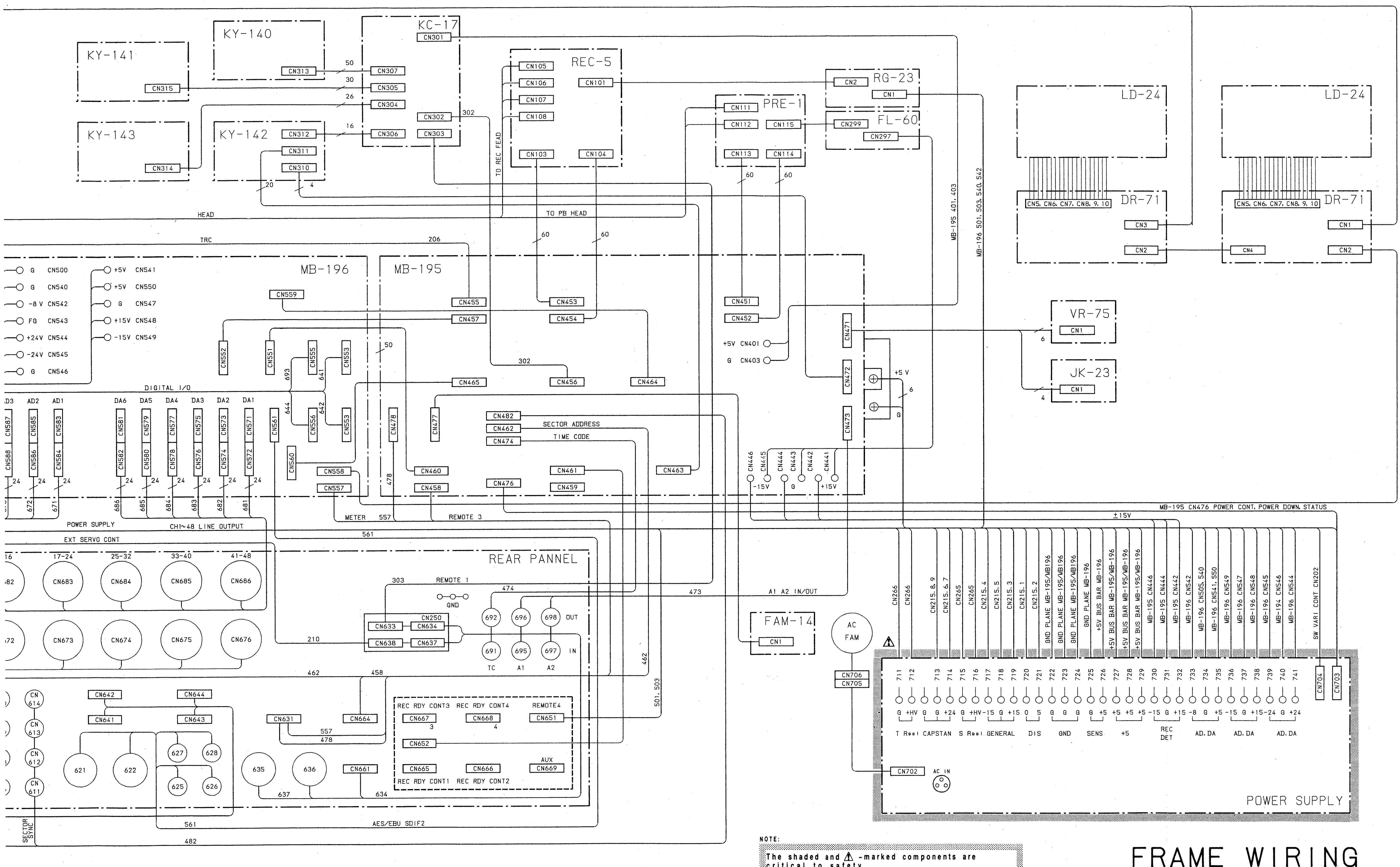
PE-18 BOARD

BOARD NO.1-620-916-11 & HIGHER
PCM-3348

TM-24 BOARD

BOARD NO.1-625-572-12 & HIGHER
PCM-3348


CN265 (4P)
CN250 (15P)
PWT-1 (S)
CN279 (3P)
CN266 (4P)
PWT-1 (T)
(15P) CN251
CN280 (3P)
BRAKE PLUNGER (S)
P2
M2
S
REEL MOTOR (S)
M1
T
REEL MOTOR (T)
BRAKE PLUNGER (T)
P1
REEL SENSOR
CN258B (4P)
REEL SENSOR
CN258A (4P)
R-BRAKE-S
SRFG
TRFG
R-BRAKE-T
CN271 (3P)
CN267 (6P)
GMT-1 (S)
CN269 (2P)
CN253 (15P)
GEARD MOTOR
M4
SUPPLY TENSION SENSOR
PT 2
TAKE UP TENSION SENSOR
PT 1
GEARD MOTOR
M3
CN268 (6P)
CN272 (3P)
CN270 (2P)
GMT-1 (T)
(15P) CN254
CN195
CN196
CN191
CN192
CN197
CN198
ADV. REC HEAD
PB. HEAD
TAPE SENSOR
SYNC REC HEAD
CAPSTAN MOTOR
M5
CN291
CN290
CFG
PMT-1
(12P) CN255
CN273
M6
STEPPING MOTOR
CRF-1 (4P)
CN281
CRFG
P3
CLUTCH PLUNGER
CN275 (4P)
CN274 (4P)
CN276 (4P)
CN277 (2P)
CN278 (4P)
PTN-1
(2P) CN283
(20P) CN261
SW-311
CN282 (2P)
CN200 (15P)
CN203 (15P)
CN205 (12P)
CN208 (3P)
CN209 (3P)
CN213 (5P)
CN214 (10P)
CN212 (20P)
CN204 (15P)
CN201 (15P)
(9P) CN215
MB-194
(3P) CN211
(6P) CN207
(6P) CN210
(4P) CN202
(50P) CN206
TRC
VARI CONT
EXT SERVO CONT
CN704
CN432 (3P)
VR-56
SHUTLE DIAL
CN792 (6P)
CN791 (6P)
CN793 (6P)
TM-24
HOUR METER
POWER SW
651
726
651
725
CN501
CN502
CN505
CN503
CN504
CN506
+5V
G
733~741
G CN500
G CN540
-8 V CN542
FG CN543
+24V CN544
-24V CN545
G CN546
AD6
AD5
AD4
AD3
AD2
AD1
CN593
CN594
CN591
CN592
CN589
CN590
CN587
CN588
CN585
CN586
CN583
CN584
24
676
675
674
673
672
671
CH1~48 LINE INPUT
POWER
EXT SE
1-8
9-16
17-24
OUT
CN681
CN682
CN683
IN
CN671
CN672
CN673
OUT
CN 606
CN 605
CN 604
CN 603
CN 610
CN 609
CN 608
CN 607
CN 614
CN 613
CN 612
CN 611
IN
CN 602
CN 601
621
SYNC INPUT VIDEO
WORD SYNC
SECTOR SYNC


KY-141
CN315
KY-140
CN313
KY-143
CN314
KY-142
CN312
CN311
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KC-17
CN301
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CN304
CN306
CN302
CN303
50
30
26
16
20
4
302
REC-5
CN105
CN106
CN107
CN108
CN101
CN103
CN104
TO REC HEAD
TO PB HEAD
HEAD
TRC
206
60
PRE-1
CN111
CN112
CN115
CN113
CN114
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CN2
CN1
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CN297
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MB-196 501, 503, 540, 542
LD-24
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CN3
CN2
CN1
CN4
MB-196
MB-195
G CN500
G CN540
-8 V CN542
FG CN543
+24V CN544
-24V CN545
G CN546
+5V CN541
+5V CN550
G CN547
+15V CN548
-15V CN549
CN559
CN455
CN457
CN453
CN454
CN451
CN452
+5V CN401
G CN403
CN471
CN472
CN473
+5 V
6
G
CN552
CN551
CN555
CN553
CN556
693
641
644
642
50
302
CN465
CN456
CN464
DIGITAL I/O
AD3 AD2 AD1
DA6 DA5 DA4 DA3 DA2 DA1
CN587 CN585 CN583 CN581 CN579 CN577 CN575 CN573 CN571
CN588 CN586 CN584 CN582 CN580 CN578 CN576 CN574 CN572
CN561
CN560
CN478
CN477
CN482
CN462
CN474
SECTOR ADDRESS
TIME CODE
CN463
CN446 CN445 CN444 CN443 CN442 CN441
-15V G +15V
24
672 671 686 685 684 683 682 681
CN558
CN557
478
CN460
CN458
CN476
CN461
CN459
METER 557
REMOTE 3
POWER SUPPLY
CH1~48 LINE OUTPUT
561
EXT SERVO CONT
MB-195 CN476 POWER CONT, POWER DOWN, STATUS
±15V
VR-75
CN1
JK-23
CN1
6
4
REAR PANNEL
16 17-24 25-32 33-40 41-48
CN682 CN683 CN684 CN685 CN686
CN672 CN673 CN674 CN675 CN676
303 REMOTE 1
GND
474
CN250
CN633 CN634
CN638 CN637
210
692 696 698 OUT
691 695 697 IN
TC A1 A2
473
A1 A2 IN/OUT
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458
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CN614
CN613
CN612
CN611
SECTOR SYNC
CN642
CN641
CN644
CN643
CN631
CN664
557
478
621 622 627 628 625 626
635 636
637
CN661
634
REC RDY CONT3 REC RDY CONT4 REMOTE4
CN667 CN668 CN651
3 4
CN652
CN665 CN666 CN669
AUX
REC RDY CONT1 REC RDY CONT2
561
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FAM-14
CN1
AC FAM
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CN705
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CN215, 5
CN215, 3
CN215, 1
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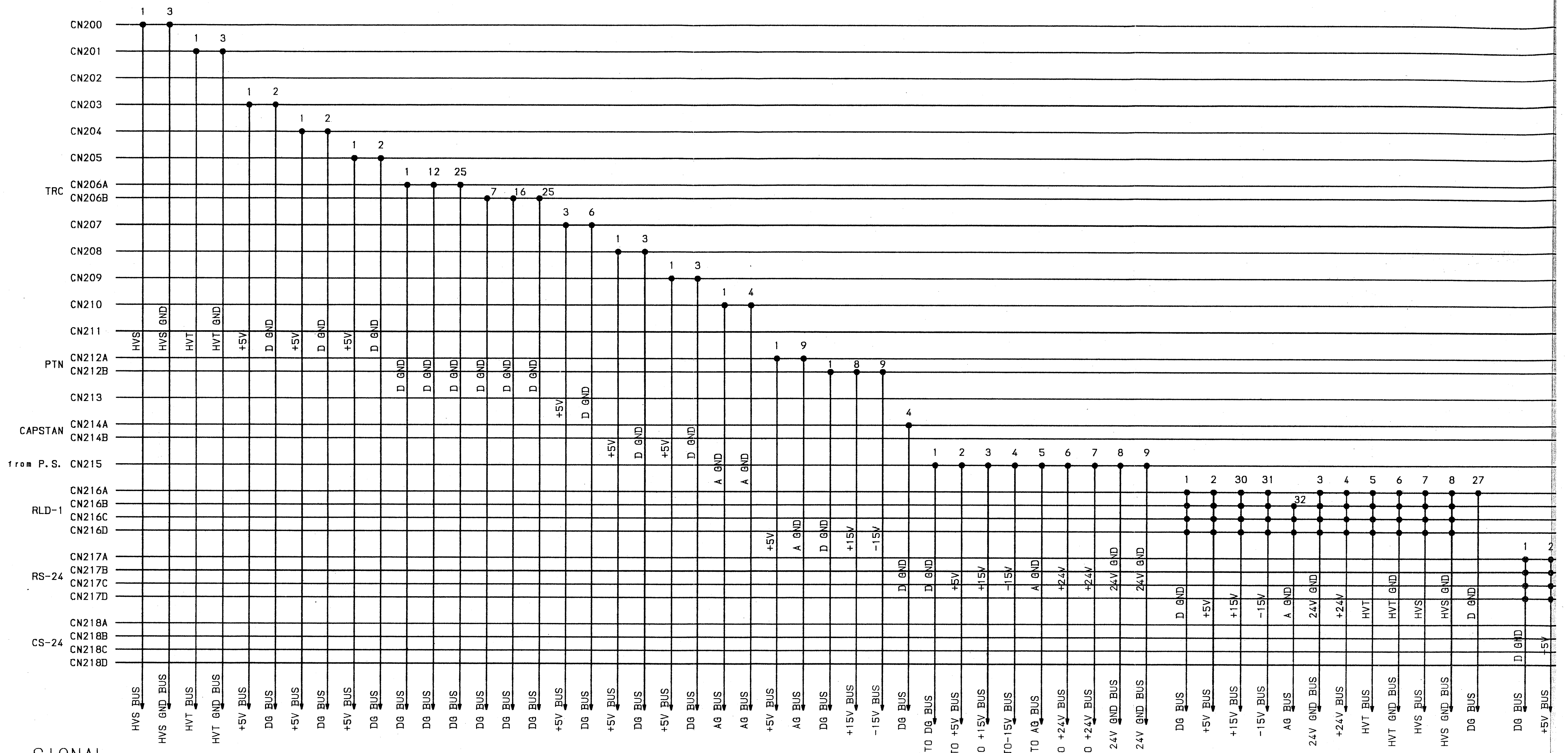
GND PLANE MB-195/MB196
GND PLANE MB-195/MB196
GND PLANE MB-196
+5V BUS BAR MB-196
+5V BUS BAR MB-195/MB-196
+5V BUS BAR MB-195/MB-196
+5V BUS BAR MB-195/MB-196
MB-195 CN446
MB-195 CN444
MB-195 CN442
MB-196 CN542
MB-196 CN505, 540
MB-196 CN541, 550
MB-196 CN549
MB-196 CN547
MB-196 CN548
MB-196 CN545
MB-196 CN546
MB-194 CN544
SW VARI CONT CN202
711 712 713 714 715 716 717 718 719 720 721 722 723 724 725 726 727 728 729 730 731 732 733 734 735 736 737 738 739 740 741
G +HV G G +24 G +HV -15 G +15 0 5 G G G G +5 +5 +5 +5 -15 G +15 -8 G +5 -15 G +15 -24 G +24
T Reel CAPSTAN S Reel GENERAL DIS GND SENS +5 REC DET AD, DA AD, DA AD, DA
CN704
CN703
CN702
AC IN
POWER SUPPLY

NOTE:

The shaded and ⚠ -marked components are critical to safety.
Replace only with same components as specified.

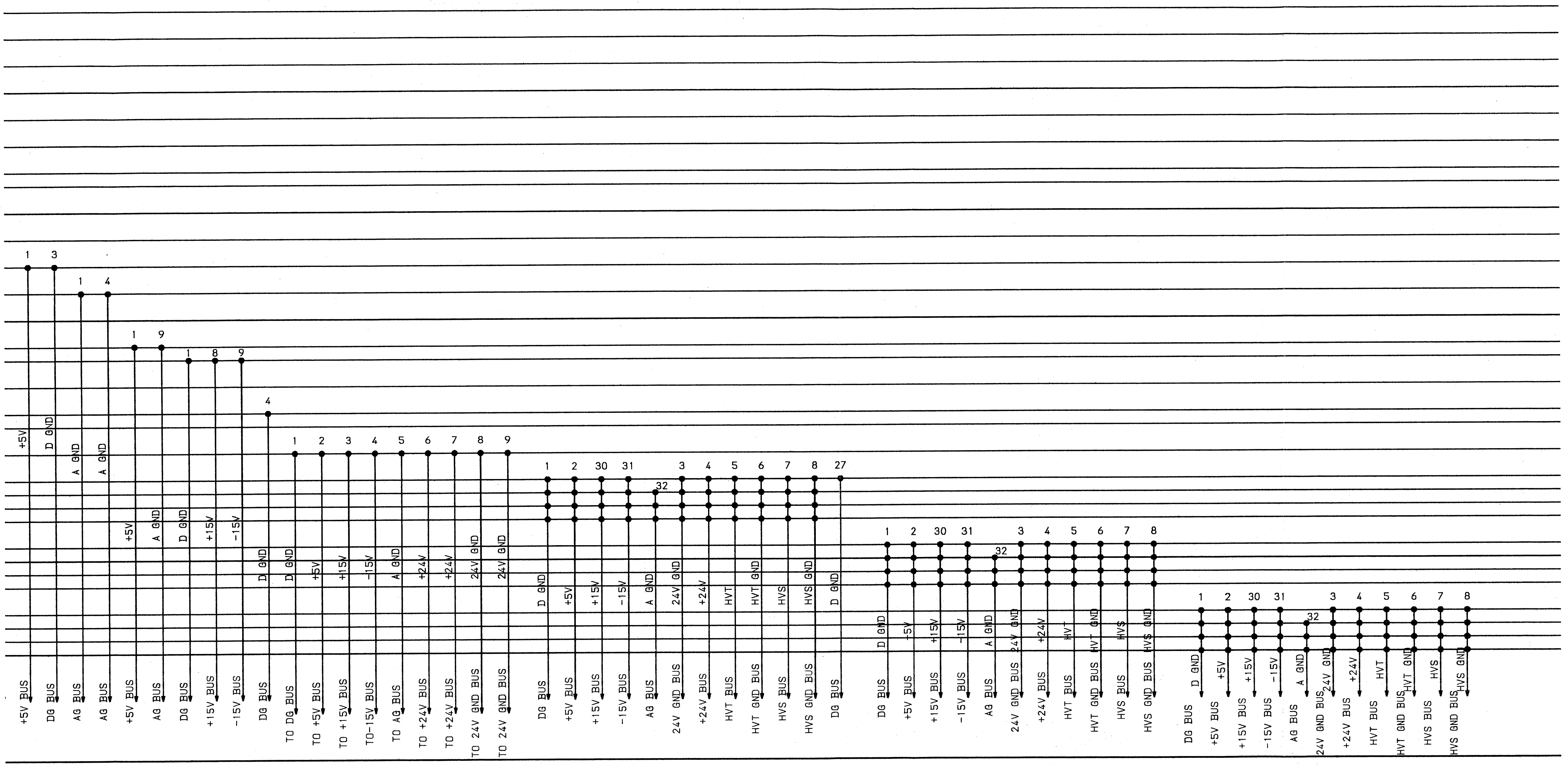
FRAME WIRING

PCM-3348


CN200
CN201
CN202
CN203
CN204
CN205
TRC
CN206A
CN206B
CN207
CN208
CN209
CN210
CN211
PTN
CN212A
CN212B
CN213
CAPSTAN
CN214A
CN214B
from P.S.
CN215
RLD-1
CN216A
CN216B
CN216C
CN216D
RS-24
CN217A
CN217B
CN217C
CN217D
CS-24
CN218A
CN218B
CN218C
CN218D
HVS
HVS GND
HVT
HVT GND
+5V
D GND
A GND
+15V
-15V
+24V
24V GND
HVS BUS
HVS GND BUS
HVT BUS
HVT GND BUS
+5V BUS
DG BUS
AG BUS
+15V BUS
-15V BUS
TO DG BUS
TO +5V BUS
TO +15V BUS
TO-15V BUS
TO AG BUS
TO +24V BUS
TO 24V GND BUS
+24V BUS
24V GND BUS

SIGNAL
INDEX

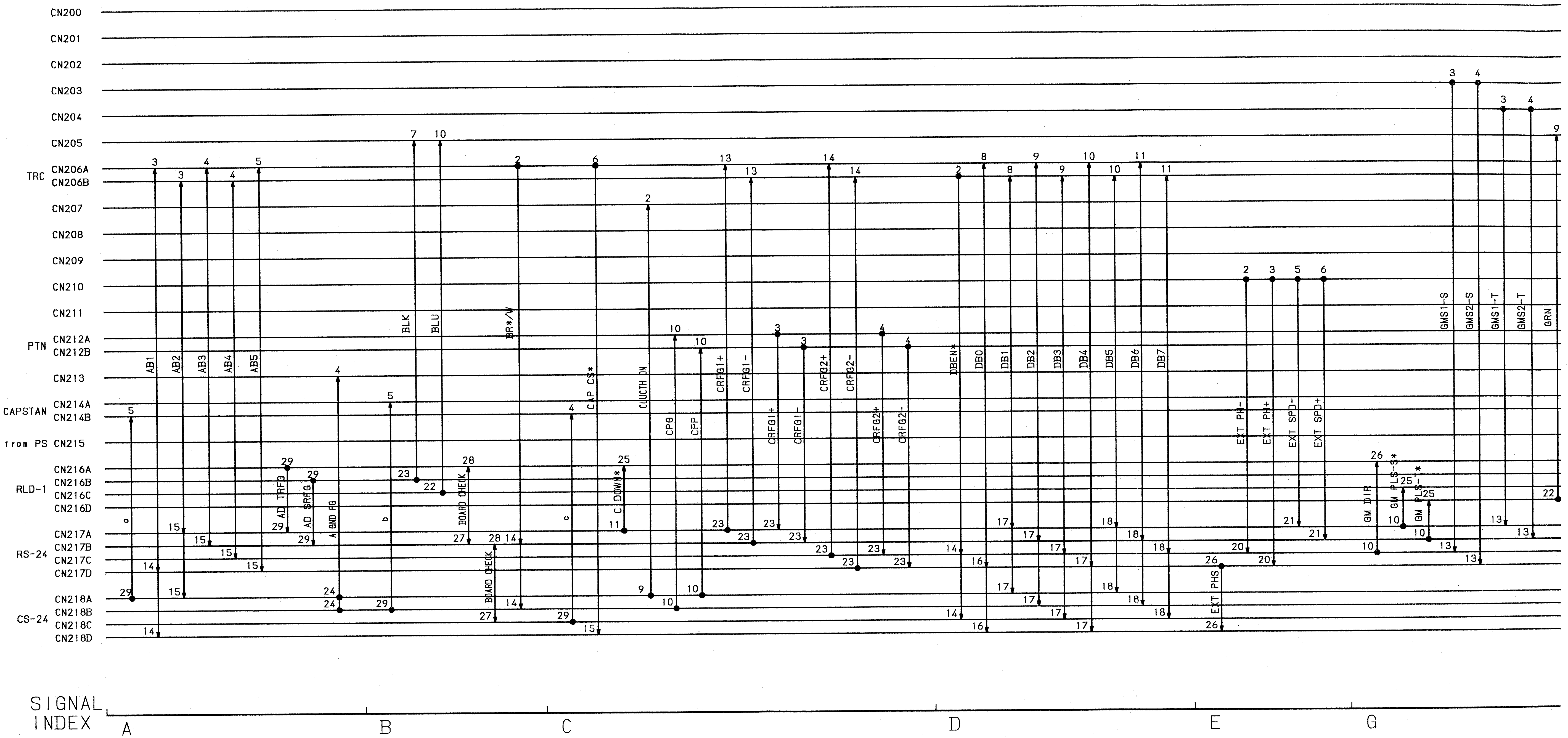
POWER


+5V
D GND
A GND
A GND
+5V
A GND
D GND
+15V
-15V
D GND
D GND
+5V
+15V
-15V
A GND
+24V
+24V
24V GND
24V GND
D GND
+5V
+15V
-15V
A GND
24V GND
+24V
HVT
HVT GND
HVS
HVS GND
D GND
+5V BUS
DG BUS
AG BUS
AG BUS
+5V BUS
AG BUS
DG BUS
+15V BUS
-15V BUS
DG BUS
TO DG BUS
TO +5V BUS
TO +15V BUS
TO-15V BUS
TO AG BUS
TO +24V BUS
TO +24V BUS
TO 24V GND BUS
TO 24V GND BUS
DG BUS
+5V BUS
+15V BUS
-15V BUS
AG BUS
24V GND BUS
+24V BUS
HVT BUS
HVT GND BUS
HVS BUS
HVS GND BUS
DG BUS
HVT GND
HVS
HVS GND
DG BUS
+5V BUS
+15V BUS
-15V BUS
AG BUS
24V GND BUS
+24V BUS
HVT BUS
HVT GND BUS
HVS BUS
HVS GND BUS
1
2
3
4
5
6
7
8
9
27
30
31
32

Mother Board

MB-194 BOARD (1/3)

BOARD NO.1-627-100-11 & HIGHER
PCM-3348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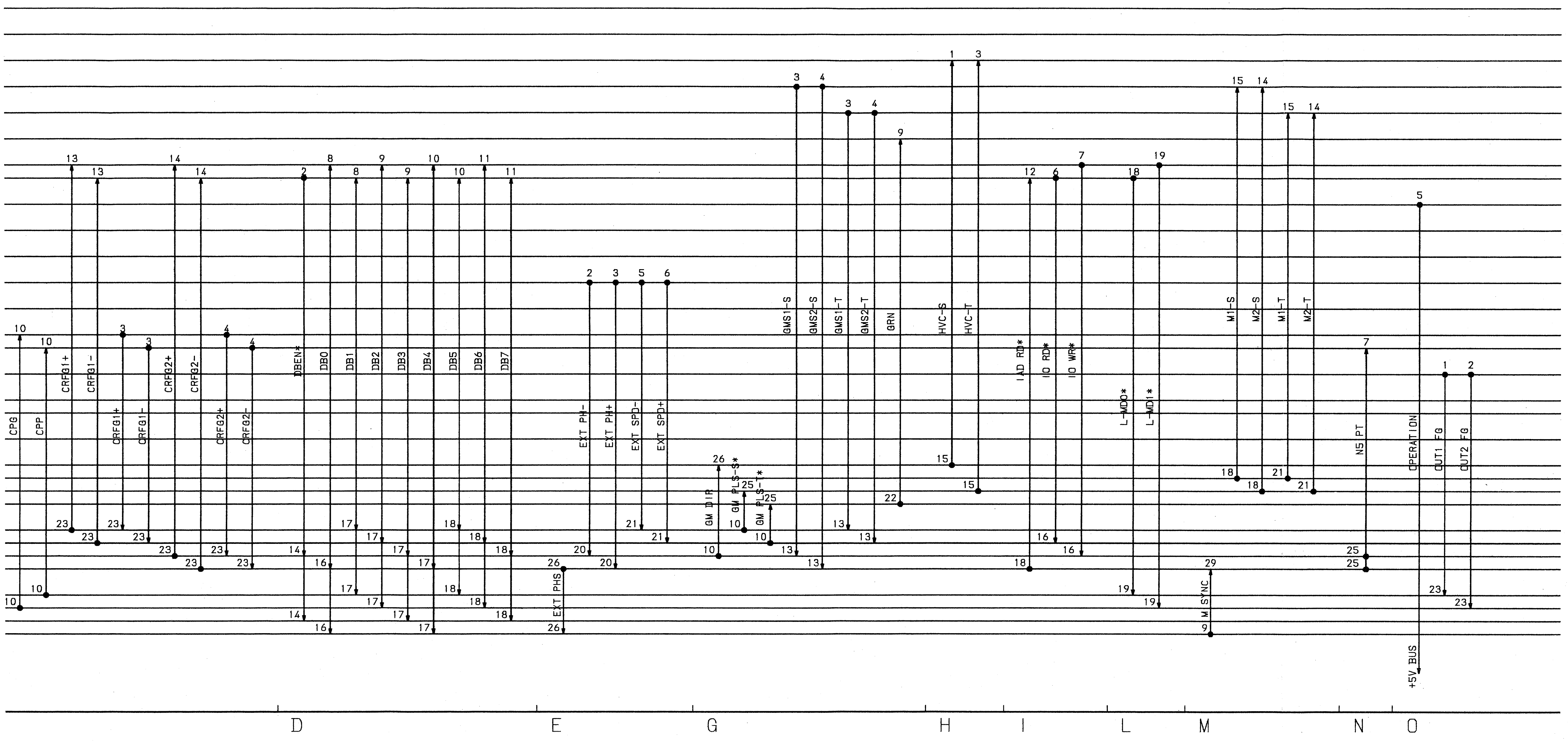
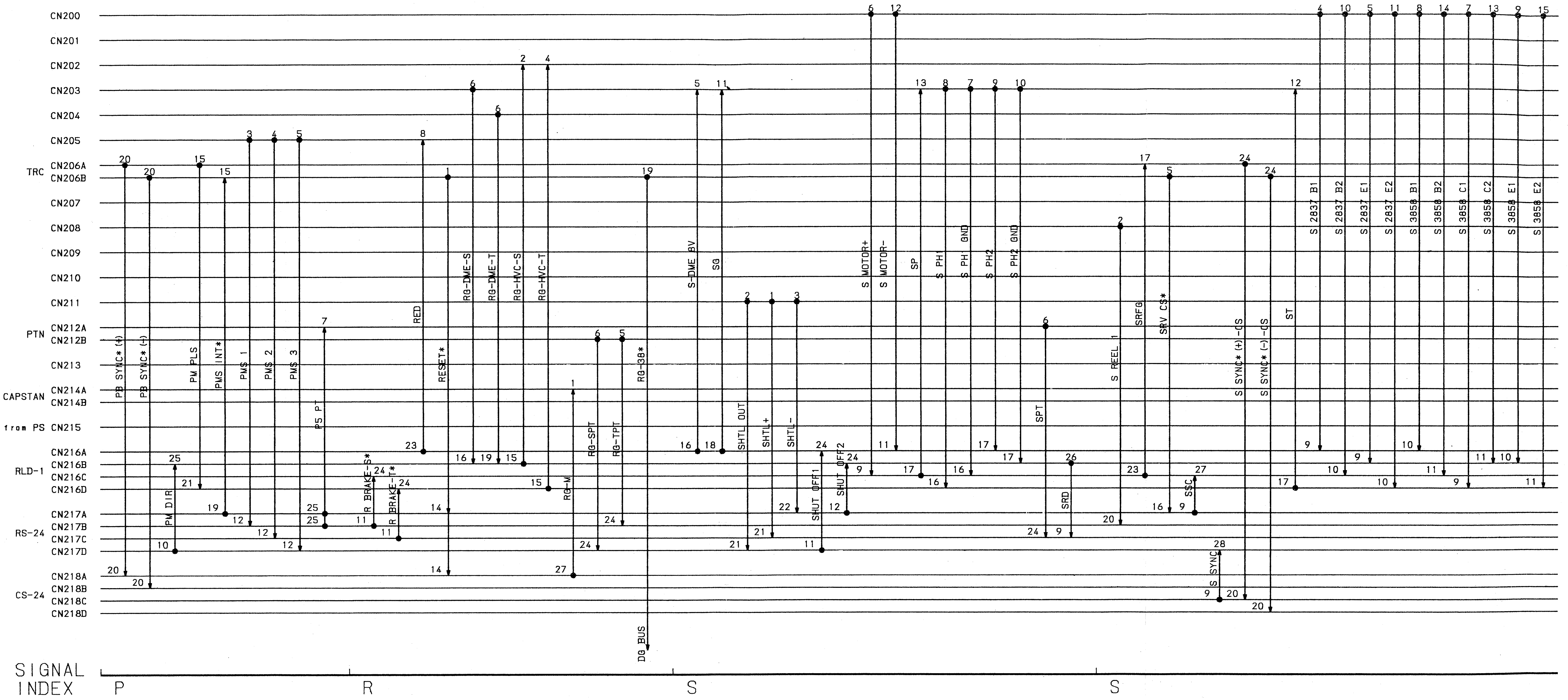
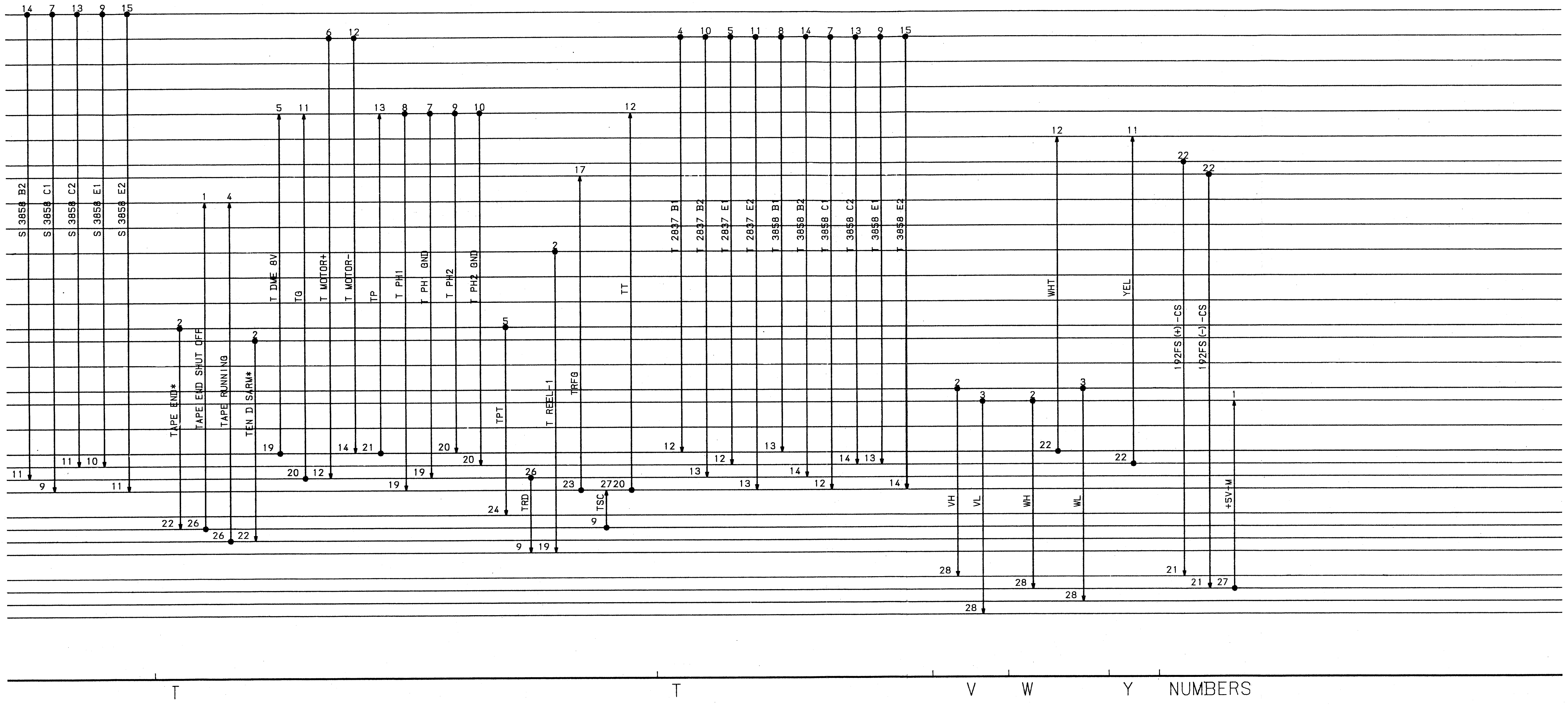
CN203
CN204
CN205
TRC
CN206A
CN206B
CN207
CN208
CN209
CN210
CN211
PTN
CN212A
CN212B
CN213
CAPSTAN
CN214A
CN214B
from PS
CN215
RLD-1
CN216A
CN216B
CN216C
CN216D
RS-24
CN217A
CN217B
CN217C
CN217D
CS-24
CN218A
CN218B
CN218C
CN218D
a
AB1
AB2
AB3
AB4
AB5
AD TRFG
AD SRFG
A GND FG
b
BLK
BLU
BOARD CHECK
BOARD CHECK
BR*/W
c
CAP CS*
C DOWN*
CLUCTH ON
CPG
CPP
CRFG1+
CRFG1-
CRFG1+
CRFG1-
CRFG2+
CRFG2-
CRFG2+
CRFG2-
DBEN*
DB0
DB1
DB2
DB3
DB4
DB5
DB6
DB7
EXT PH-
EXT PH+
EXT SPD-
EXT SPD+
EXT PHS
GM DIR
GM PLS-S*
GM PLS-T*
GMS1-S
GMS2-S
GMS1-T
GMS2-T
GRN
SIGNAL INDEX
A
B
C
D
E
G


CPG
CPP
CRFG1+
CRFG1-
CRFG1+
CRFG1-
CRFG2+
CRFG2-
CRFG2+
CRFG2-
DBEN*
DB0
DB1
DB2
DB3
DB4
DB5
DB6
DB7
EXT PH-
EXT PH+
EXT SPD-
EXT SPD+
EXT PHS
GM DIR
GM PLS-S*
GM PLS-T*
GMS1-S
GMS2-S
GMS1-T
GMS2-T
GRN
HVC-S
HVC-T
IAD RD*
IO RD*
IO WR*
L-MDO*
L-MDI*
M SYNC
M1-S
M2-S
M1-T
M2-T
N5 PT
OPERATION
OUT1 FG
OUT2 FG
+5V BUS
D
E
G
H
I
L
M
N
O

Mother Board
MB-194 BOARD (2/3)

BOARD NO.1-627-100-11 & HIGHER
PCM-3348

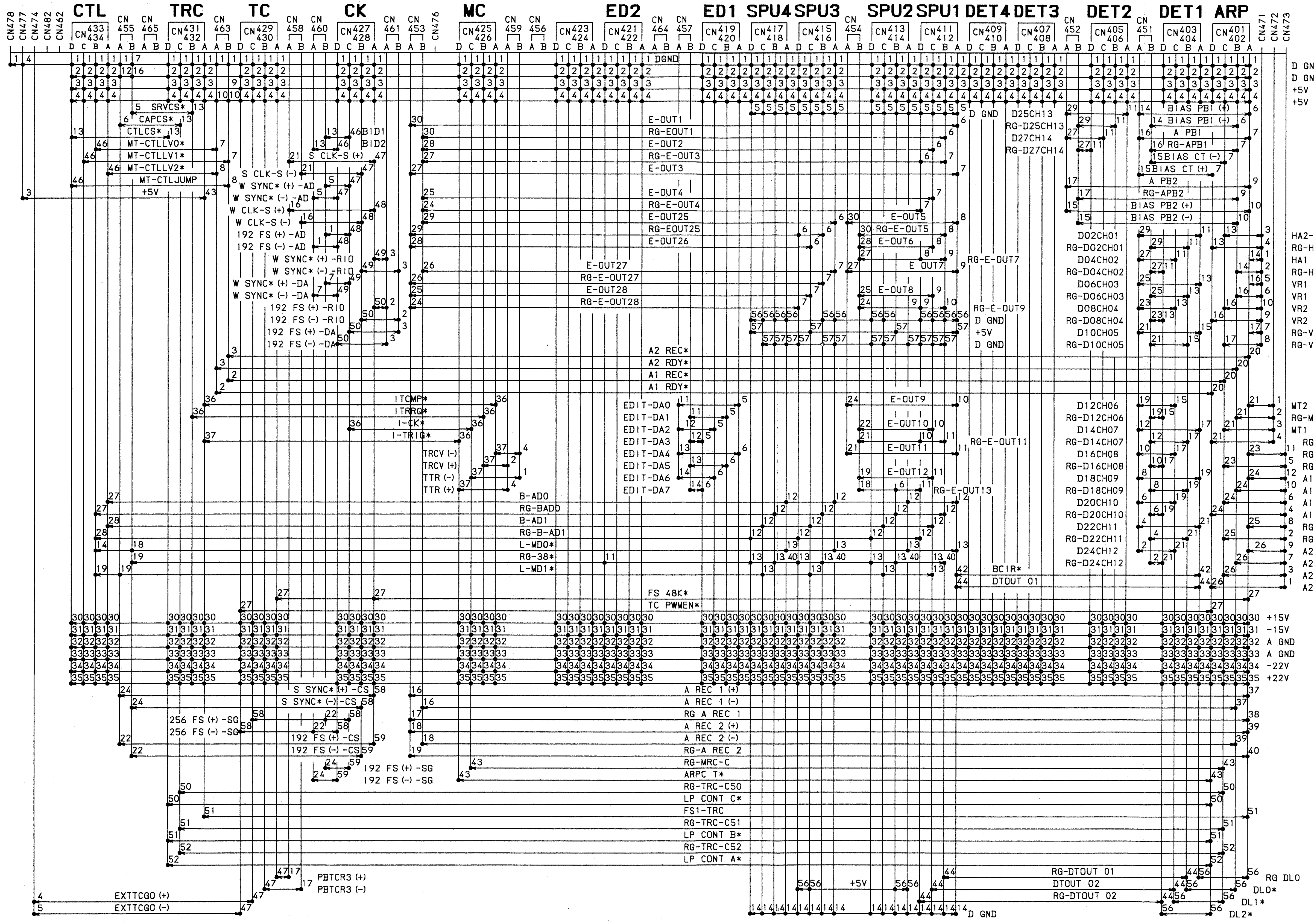

CN200
CN201
CN202
CN203
CN204
CN205
TRC
CN206A
CN206B
CN207
CN208
CN209
CN210
CN211
PTN
CN212A
CN212B
CN213
CAPSTAN
CN214A
CN214B
from PS CN215
CN216A
RLD-1
CN216B
CN216C
CN216D
CN217A
RS-24
CN217B
CN217C
CN217D
CN218A
CS-24
CN218B
CN218C
CN218D
PB SYNC* (+)
PB SYNC* (-)
PM DIR
PM PLS
PMS INT*
PMS 1
PMS 2
PMS 3
P5 P'
R BRAKE-S*
R BRAKE-T*
RED
RESET*
RG-DME-S
RG-DME-T
RG-HVC-S
RG-HVC-T
RG-M
RG-SPT
RG-TPT
RG-38*
DG BUS
S-DME 8V
SG
SHTL OUT
SHTL+
SHTL-
SHUT OFF1
SHUT OFF2
S MOTOR+
S MOTOR-
SP
S PH1
S PH GND
S PH2
S PH2 GND
SPT
SRD
S REEL 1
SRFG
SRV CS*
SSC
S SYNC
S SYNC* (+) -CS
S SYNC* (-) -CS
ST
S 2837 B1
S 2837 B2
S 2837 E1
S 2837 E2
S 3858 B1
S 3858 B2
S 3858 C1
S 3858 C2
S 3858 E1
S 3858 E2
SIGNAL INDEX
P
R
S
S


S 3858 B2
S 3858 C1
S 3858 C2
S 3858 E1
S 3858 E2
TAPE END*
TAPE END SHUT OFF
TAPE RUNNING
TEN D SARM*
T DME 8V
TG
T MOTOR+
T MOTOR-
TP
T PH1
T PH1 GND
T PH2
T PH2 GND
TPT
TRD
T REEL-1
TRFG
TSC
TT
T 2837 B1
T 2837 B2
T 2837 E1
T 2837 E2
T 3858 B1
T 3858 B2
T 3858 C1
T 3858 C2
T 3858 E1
T 3858 E2
VH
VL
WH
WL
WHT
YEL
192FS (+) -CS
192FS (-) -CS
+5V-M
T
T
V
W
Y
NUMBERS

Mother Board
MB-194 BOARD (3/3)

BOARD NO.1-627-100-11 & HIGHER
PCM-3348

MB-195 BOARD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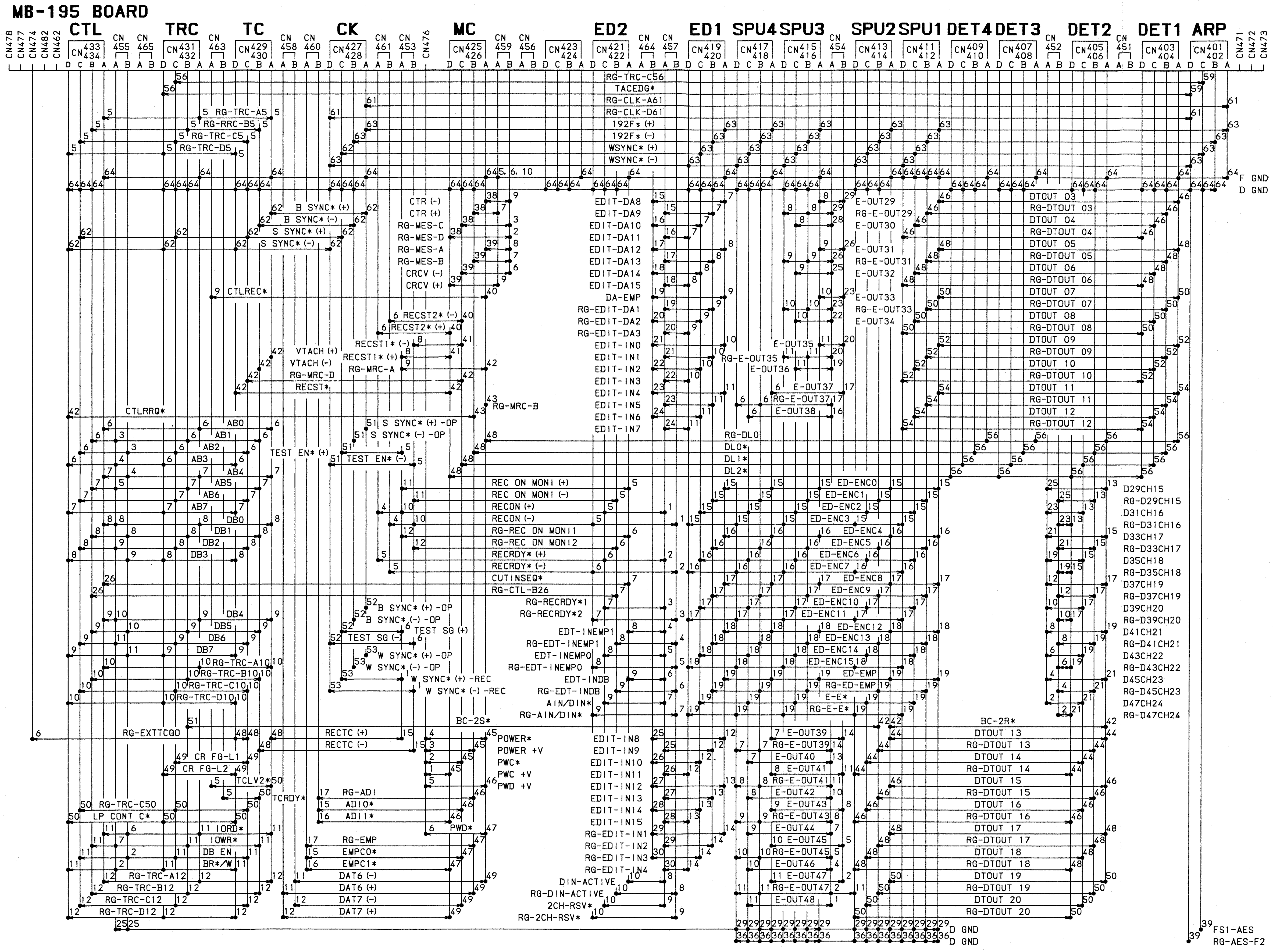
CN477
CN474
CN482
CN462
CTL
CN433 434
CN455
CN465
TRC
CN431 432
CN463
TC
CN429 430
CN458
CN460
CK
CN427 428
CN461
CN453
CN476
MC
CN425 426
CN459
CN456
ED2
CN423 424
CN421 422
CN464
CN457
ED1
CN419 420
SPU4
CN417 418
SPU3
CN415 416
CN454
SPU2
CN413 414
SPU1
CN411 412
DET4
CN409 410
DET3
CN407 408
CN452
DET2
CN405 406
CN451
DET1
CN403 404
ARP
CN401 402
CN471
CN472
CN473
D GND
D GND
+5V
+5V
SRVCS*
CAPCS*
CTLCS*
MT-CTLLV0*
MT-CTLLV1*
MT-CTLLV2*
MT-CTLJUMP
+5V
S CLK-S (-)
W SYNC* (+) -AD
W SYNC* (-) -AD
W CLK-S (+)
W CLK-S (-)
192 FS (+) -AD
192 FS (-) -AD
W SYNC* (+) -RIO
W SYNC* (-) -RIO
W SYNC* (+) -DA
W SYNC* (-) -DA
192 FS (+) -RIO
192 FS (-) -RIO
192 FS (+) -DA
192 FS (-) -DA
BID1
BID2
S CLK-S (+)
E-OUT1
RG-EOUT1
E-OUT2
RG-E-OUT3
E-OUT3
E-OUT4
RG-E-OUT4
E-OUT25
RG-EOUT25
E-OUT26
E-OUT27
RG-E-OUT27
E-OUT28
RG-E-OUT28
D GND
D25CH13
RG-D25CH13
D27CH14
RG-D27CH14
BIAS PB1 (+)
BIAS PB1 (-)
A PB1
RG-APB1
BIAS CT (-)
BIAS CT (+)
A PB2
RG-APB2
BIAS PB2 (+)
BIAS PB2 (-)
E-OUT5
RG-E-OUT5
E-OUT6
E OUT7
E-OUT8
RG-E-OUT7
RG-E-OUT9
D GND
+5V
D GND
D02CH01
RG-D02CH01
D04CH02
RG-D04CH02
D06CH03
RG-D06CH03
D08CH04
RG-D08CH04
D10CH05
RG-D10CH05
HA2-OUT
RG-HA2
HA1 OUT
RG-HA1
VR1 IN
VR1 OUT
VR2 IN
VR2 OUT
RG-VR1
RG-VR2
A2 REC*
A2 RDY*
A1 REC*
A1 RDY*
ITCMP*
ITRRQ*
I-CK*
I-TRIG*
EDIT-DA0
EDIT-DA1
EDIT-DA2
EDIT-DA3
EDIT-DA4
EDIT-DA5
EDIT-DA6
EDIT-DA7
E-OUT9
E-OUT10
E-OUT11
E-OUT12
RG-E-OUT11
RG-E-OUT13
D12CH06
RG-D12CH06
D14CH07
RG-D14CH07
D16CH08
RG-D16CH08
D18CH09
RG-D18CH09
D20CH10
RG-D20CH10
D22CH11
RG-D22CH11
D24CH12
RG-D24CH12
MT2 OUT
RG-MT2
MT1 OUT
RG-MT1
RG A1 IN
RG A1 OUT
A1 IN (+)
A1 IN (-)
A1 OUT (+)
A1 OUT (-)
RG-A2 IN
RG-A2 OUT
A2 IN (+)
A2 IN (-)
A2 OUT (+)
A2 OUT (-)
TRCV (-)
TRCV (+)
TTR (-)
TTR (+)
B-AD0
RG-BAD0
B-AD1
RG-B-AD1
L-MD0*
RG-38*
L-MD1*
BCIR*
DTOUT 01
FS 48K*
TC PWMEN*
+15V
-15V
A GND
A GND
-22V
+22V
S SYNC* (+) -CS
S SYNC* (-) -CS
256 FS (+) -SG
256 FS (-) -SG
192 FS (+) -CS
192 FS (-) -CS
192 FS (+) -SG
192 FS (-) -SG
A REC 1 (+)
A REC 1 (-)
RG A REC 1
A REC 2 (+)
A REC 2 (-)
RG-A REC 2
RG-MRC-C
ARPC T*
RG-TRC-C50
LP CONT C*
FS1-TRC
RG-TRC-C51
LP CONT B*
RG-TRC-C52
LP CONT A*
PBTCR3 (+)
PBTCR3 (-)
EXTTCG0 (+)
EXTTCG0 (-)
+5V
RG-DTOUT 01
DTOUT 02
RG-DTOUT 02
D GND
RG DL0
DL0*
DL1*
DL2*

Mother Board
MB-195 BOARD (1/5)

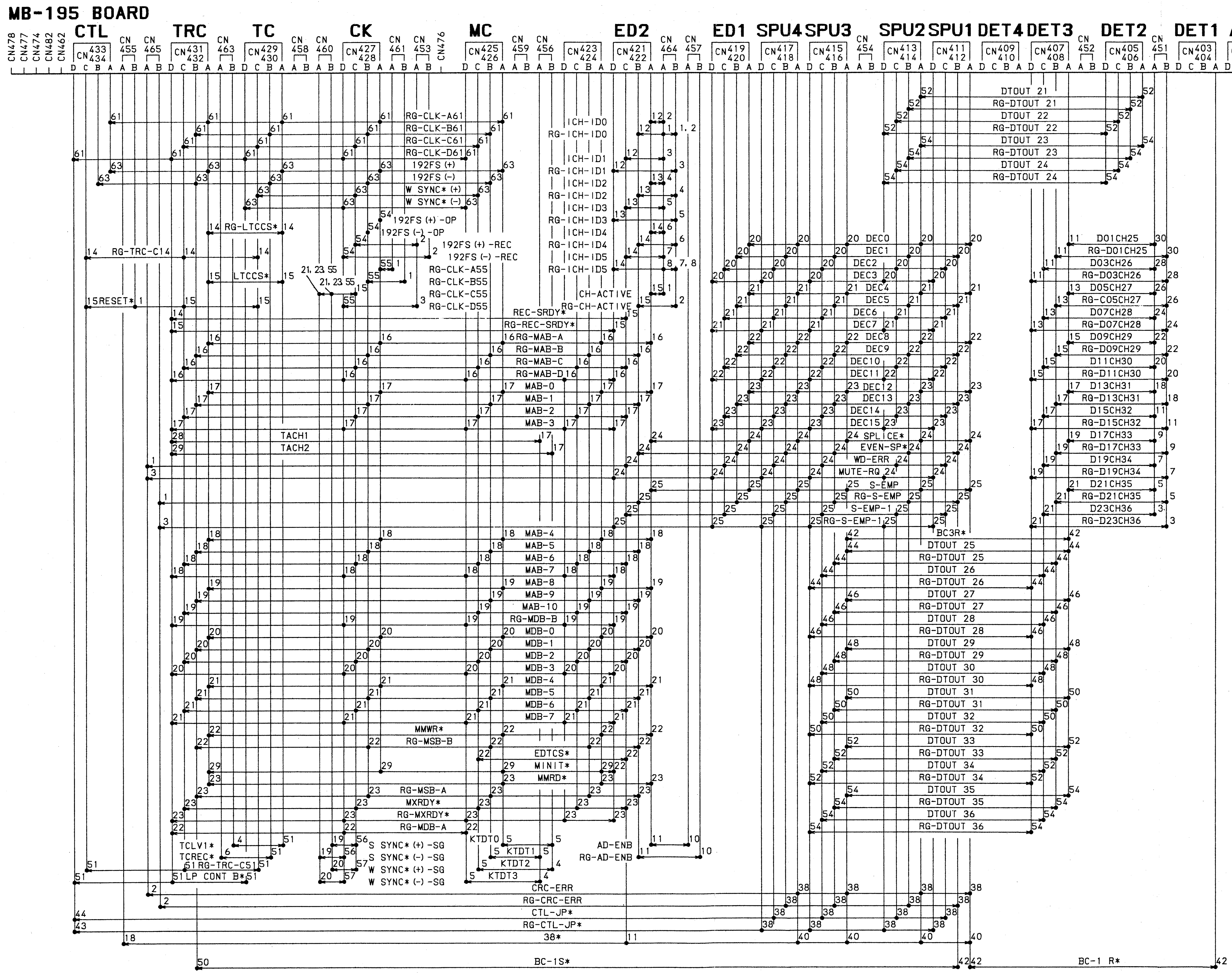
BOARD NO.1-627-094-11 & HIGHER
PCM-3348


MB-195 BOARD
CTL
TRC
TC
CK
MC
ED2
ED1
SPU4
SPU3
SPU2
SPU1
DET4
DET3
DET2
DET1
ARP
CN478
CN477
CN474
CN482
CN462
CN433
CN434
CN455
CN465
CN431
CN432
CN463
CN429
CN430
CN458
CN460
CN427
CN428
CN461
CN453
CN476
CN425
CN426
CN459
CN456
CN423
CN424
CN421
CN422
CN464
CN457
CN419
CN420
CN417
CN418
CN415
CN416
CN454
CN413
CN414
CN411
CN412
CN409
CN410
CN407
CN408
CN452
CN405
CN406
CN451
CN403
CN404
CN401
CN402
CN471
CN472
CN473
RG-TRC-C56
TACEDG*
RG-CLK-A61
RG-CLK-D61
192Fs (+)
192Fs (-)
WSYNC* (+)
WSYNC* (-)
RG-TRC-A5
RG-RRC-B5
RG-TRC-C5
RG-TRC-D5
F GND
D GND
B SYNC* (+)
B SYNC* (-)
S SYNC* (+)
S SYNC* (-)
CTR (-)
CTR (+)
RG-MES-C
RG-MES-D
RG-MES-A
RG-MES-B
CRCV (-)
CRCV (+)
CTLREC*
RECST2* (-)
RECST2* (+)
RECST1* (-)
RECST1* (+)
VTACH (+)
VTACH (-)
RG-MRC-D
RG-MRC-A
RECST*
RG-MRC-B
CTLRRQ*
AB0
AB1
AB2
AB3
AB4
AB5
AB6
AB7
DB0
DB1
DB2
DB3
DB4
DB5
DB6
DB7
S SYNC* (+) -OP
S SYNC* (-) -OP
TEST EN* (+)
TEST EN* (-)
REC ON MONI (+)
REC ON MONI (-)
RECON (+)
RECON (-)
RG-REC ON MONI1
RG-REC ON MONI2
RECRDY* (+)
RECRDY* (-)
CUTINSEQ*
RG-CTL-B26
RG-RECRDY*1
RG-RECRDY*2
B SYNC* (+) -OP
B SYNC* (-) -OP
TEST SG (+)
TEST SG (-)
W SYNC* (+) -OP
W SYNC* (-) -OP
W SYNC* (+) -REC
W SYNC* (-) -REC
RG-TRC-A10
RG-TRC-B10
RG-TRC-C10
RG-TRC-D10
EDT-INEMP1
RG-EDT-INEMP1
EDT-INEMP0
RG-EDT-INEMP0
EDT-INDB
RG-EDT-INDB
AIN/DIN*
RG-AIN/DIN*
RG-EXTTCG0
BC-2S*
RECTC (+)
RECTC (-)
POWER*
POWER +V
PWC*
PWC +V
PWD +V
CR FG-L1
CR FG-L2
TCLV2*
TCRDY*
RG-ADI
ADI0*
ADI1*
PWD*
RG-TRC-C50
LP CONT C*
IORD*
IOWR*
DB EN
BR*/W
RG-EMP
EMPC0*
EMPC1*
DAT6 (-)
DAT6 (+)
DAT7 (-)
DAT7 (+)
RG-TRC-A12
RG-TRC-B12
RG-TRC-C12
RG-TRC-D12
EDIT-DA8
EDIT-DA9
EDIT-DA10
EDIT-DA11
EDIT-DA12
EDIT-DA13
EDIT-DA14
EDIT-DA15
DA-EMP
RG-EDIT-DA1
RG-EDIT-DA2
RG-EDIT-DA3
EDIT-IN0
EDIT-IN1
EDIT-IN2
EDIT-IN3
EDIT-IN4
EDIT-IN5
EDIT-IN6
EDIT-IN7
EDIT-IN8
EDIT-IN9
EDIT-IN10
EDIT-IN11
EDIT-IN12
EDIT-IN13
EDIT-IN14
EDIT-IN15
RG-EDIT-IN1
RG-EDIT-IN2
RG-EDIT-IN3
RG-EDIT-IN4
DIN-ACTIVE
RG-DIN-ACTIVE
2CH-RSV*
RG-2CH-RSV*
E-OUT29
RG-E-OUT29
E-OUT30
E-OUT31
RG-E-OUT31
E-OUT32
E-OUT33
RG-E-OUT33
E-OUT34
E-OUT35
RG-E-OUT35
E-OUT36
E-OUT37
RG-E-OUT37
E-OUT38
RG-DL0
DL0*
DL1*
DL2*
ED-ENC0
ED-ENC1
ED-ENC2
ED-ENC3
ED-ENC4
ED-ENC5
ED-ENC6
ED-ENC7
ED-ENC8
ED-ENC9
ED-ENC10
ED-ENC11
ED-ENC12
ED-ENC13
ED-ENC14
ED-ENC15
ED-EMP
RG-ED-EMP
E-E*
RG-E-E*
E-OUT39
RG-E-OUT39
E-OUT40
E-OUT41
RG-E-OUT41
E-OUT42
E-OUT43
RG-E-OUT43
E-OUT44
E-OUT45
RG-E-OUT45
E-OUT46
E-OUT47
RG-E-OUT47
E-OUT48
DTOUT 03
RG-DTOUT 03
DTOUT 04
RG-DTOUT 04
DTOUT 05
RG-DTOUT 05
DTOUT 06
RG-DTOUT 06
DTOUT 07
RG-DTOUT 07
DTOUT 08
RG-DTOUT 08
DTOUT 09
RG-DTOUT 09
DTOUT 10
RG-DTOUT 10
DTOUT 11
RG-DTOUT 11
DTOUT 12
RG-DTOUT 12
BC-2R*
DTOUT 13
RG-DTOUT 13
DTOUT 14
RG-DTOUT 14
DTOUT 15
RG-DTOUT 15
DTOUT 16
RG-DTOUT 16
DTOUT 17
RG-DTOUT 17
DTOUT 18
RG-DTOUT 18
DTOUT 19
RG-DTOUT 19
DTOUT 20
RG-DTOUT 20
D29CH15
RG-D29CH15
D31CH16
RG-D31CH16
D33CH17
RG-D33CH17
D35CH18
RG-D35CH18
D37CH19
RG-D37CH19
D39CH20
RG-D39CH20
D41CH21
RG-D41CH21
D43CH22
RG-D43CH22
D45CH23
RG-D45CH23
D47CH24
RG-D47CH24
FS1-AES
RG-AES-F2

Mother Board

MB-195 BOARD (2/5)

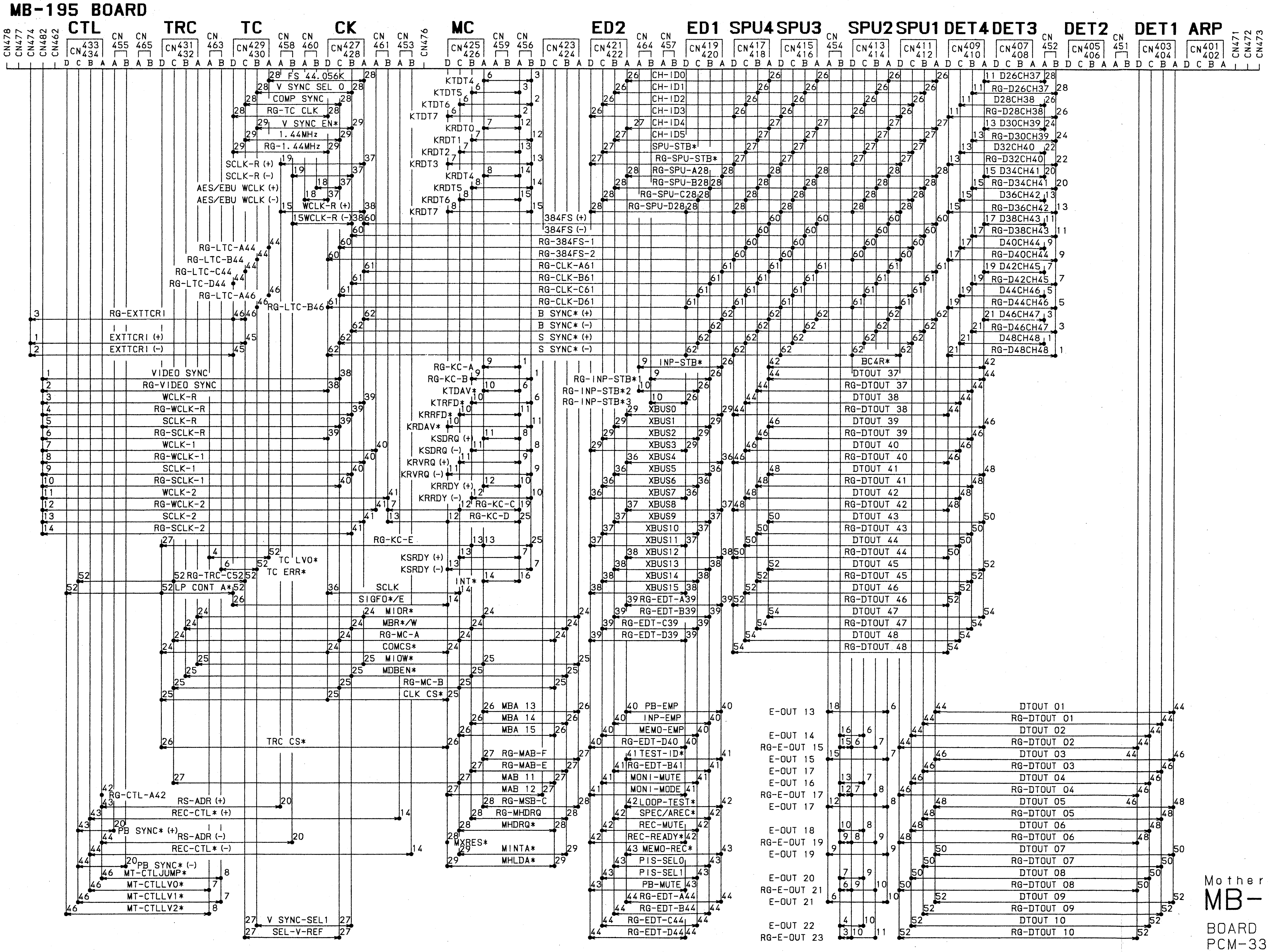
BOARD NO.1-627-094-11 & HIGHE
PCM-3348


MB-195 BOARD
CTL
TRC
TC
CK
MC
ED2
ED1
SPU4
SPU3
SPU2
SPU1
DET4
DET3
DET2
DET1
ARP
CN478
CN477
CN474
CN482
CN462
CN433
CN434
CN455
CN465
CN431
CN432
CN463
CN429
CN430
CN458
CN460
CN427
CN428
CN461
CN453
CN476
CN425
CN426
CN459
CN456
CN423
CN424
CN421
CN422
CN464
CN457
CN419
CN420
CN417
CN418
CN415
CN416
CN454
CN413
CN414
CN411
CN412
CN409
CN410
CN407
CN408
CN452
CN405
CN406
CN451
CN403
CN404
CN401
CN402
CN471
CN472
CN473
RG-CLK-A61
RG-CLK-B61
RG-CLK-C61
RG-CLK-D61
192FS (+)
192FS (-)
W SYNC* (+)
W SYNC* (-)
192FS (+) -OP
192FS (-) -OP
192FS (+) -REC
192FS (-) -REC
RG-CLK-A55
RG-CLK-B55
RG-CLK-C55
RG-CLK-D55
RG-LTCCS*
RG-TRC-C14
LTCCS*
RESET*
ICH-ID0
RG-ICH-ID0
ICH-ID1
RG-ICH-ID1
ICH-ID2
RG-ICH-ID2
ICH-ID3
RG-ICH-ID3
ICH-ID4
RG-ICH-ID4
ICH-ID5
RG-ICH-ID5
CH-ACTIVE
RG-CH-ACTIVE
REC-SRDY*
RG-REC-SRDY*
RG-MAB-A
RG-MAB-B
RG-MAB-C
RG-MAB-D
MAB-0
MAB-1
MAB-2
MAB-3
TACH1
TACH2
MAB-4
MAB-5
MAB-6
MAB-7
MAB-8
MAB-9
MAB-10
RG-MDB-B
MDB-0
MDB-1
MDB-2
MDB-3
MDB-4
MDB-5
MDB-6
MDB-7
MMWR*
RG-MSB-B
EDTCS*
MINIT*
MMRD*
RG-MSB-A
MXRDY*
RG-MXRDY*
RG-MDB-A
TCLV1*
TCREC*
RG-TRC-C51
LP CONT B*
S SYNC* (+) -SG
S SYNC* (-) -SG
W SYNC* (+) -SG
W SYNC* (-) -SG
KTDT0
KTDT1
KTDT2
KTDT3
AD-ENB
RG-AD-ENB
CRC-ERR
RG-CRC-ERR
CTL-JP*
RG-CTL-JP*
38*
BC-1S*
BC-1 R*
DTOUT 21
RG-DTOUT 21
DTOUT 22
RG-DTOUT 22
DTOUT 23
RG-DTOUT 23
DTOUT 24
RG-DTOUT 24
DEC0
DEC1
DEC2
DEC3
DEC4
DEC5
DEC6
DEC7
DEC8
DEC9
DEC10
DEC11
DEC12
DEC13
DEC14
DEC15
SPLICE*
EVEN-SP*
WD-ERR
MUTE-RQ
S-EMP
RG-S-EMP
S-EMP-1
RG-S-EMP-1
BC3R*
D01CH25
RG-D01CH25
D03CH26
RG-D03CH26
D05CH27
RG-C05CH27
D07CH28
RG-D07CH28
D09CH29
RG-D09CH29
D11CH30
RG-D11CH30
D13CH31
RG-D13CH31
D15CH32
RG-D15CH32
D17CH33
RG-D17CH33
D19CH34
RG-D19CH34
D21CH35
RG-D21CH35
D23CH36
RG-D23CH36
DTOUT 25
RG-DTOUT 25
DTOUT 26
RG-DTOUT 26
DTOUT 27
RG-DTOUT 27
DTOUT 28
RG-DTOUT 28
DTOUT 29
RG-DTOUT 29
DTOUT 30
RG-DTOUT 30
DTOUT 31
RG-DTOUT 31
DTOUT 32
RG-DTOUT 32
DTOUT 33
RG-DTOUT 33
DTOUT 34
RG-DTOUT 34
DTOUT 35
RG-DTOUT 35
DTOUT 36
RG-DTOUT 36

Mother Board

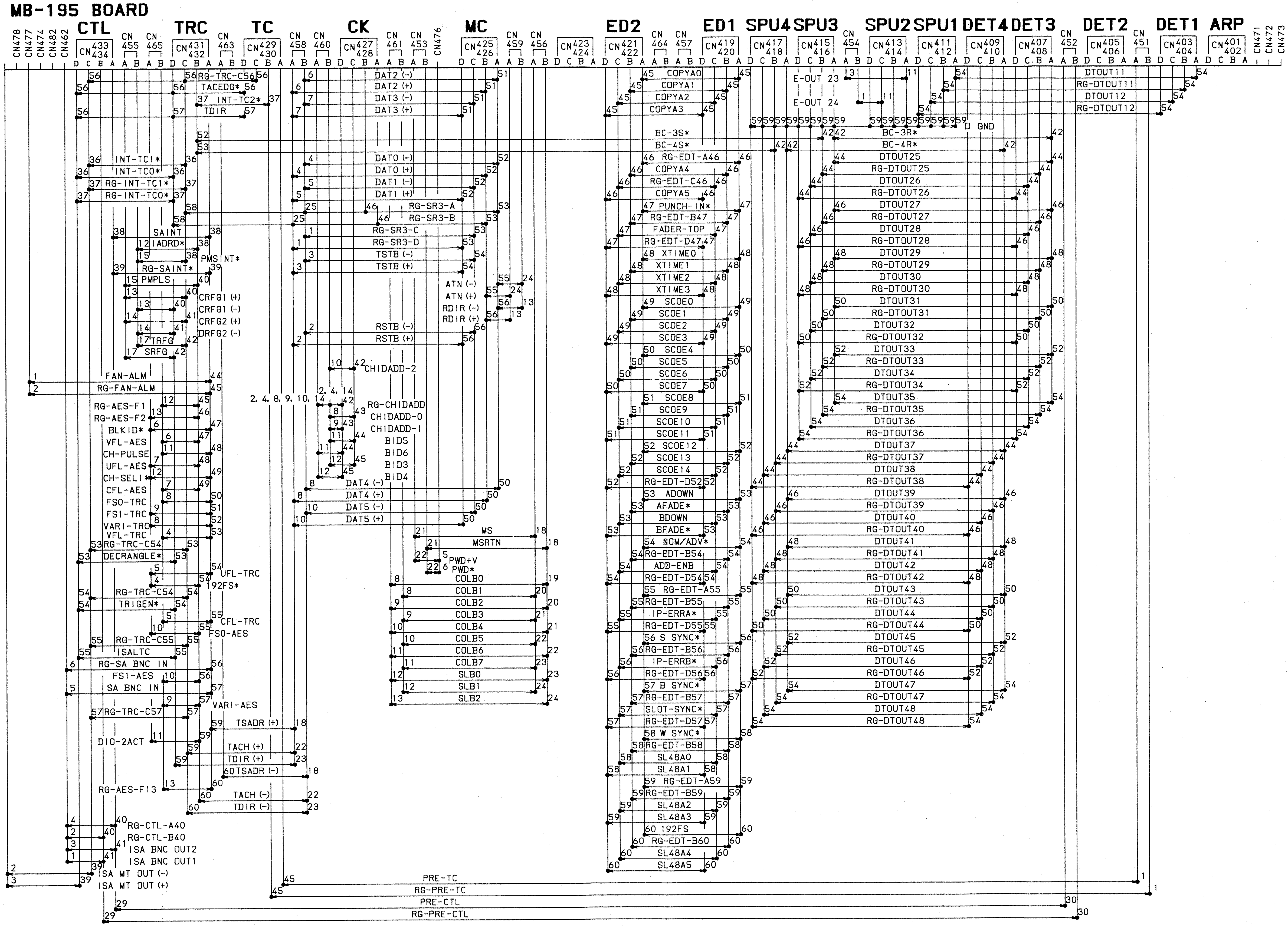
MB-195 BOARD (3/5)

BOARD NO.1-627-094-11 & HIGHER
PCM-3348


MB-195 BOARD
CTL
TRC
TC
CK
MC
ED2
ED1
SPU4
SPU3
SPU2
SPU1
DET4
DET3
DET2
DET1
ARP
CN478
CN477
CN474
CN482
CN462
CN433
CN434
CN455
CN465
CN431
CN432
CN463
CN429
CN430
CN458
CN460
CN427
CN428
CN461
CN453
CN476
CN425
CN426
CN459
CN456
CN423
CN424
CN421
CN422
CN464
CN457
CN419
CN420
CN417
CN418
CN415
CN416
CN454
CN413
CN414
CN411
CN412
CN409
CN410
CN407
CN408
CN452
CN405
CN406
CN451
CN403
CN404
CN401
CN402
CN471
CN472
CN473

Mother Board
MB-195 BOARD (4/5)

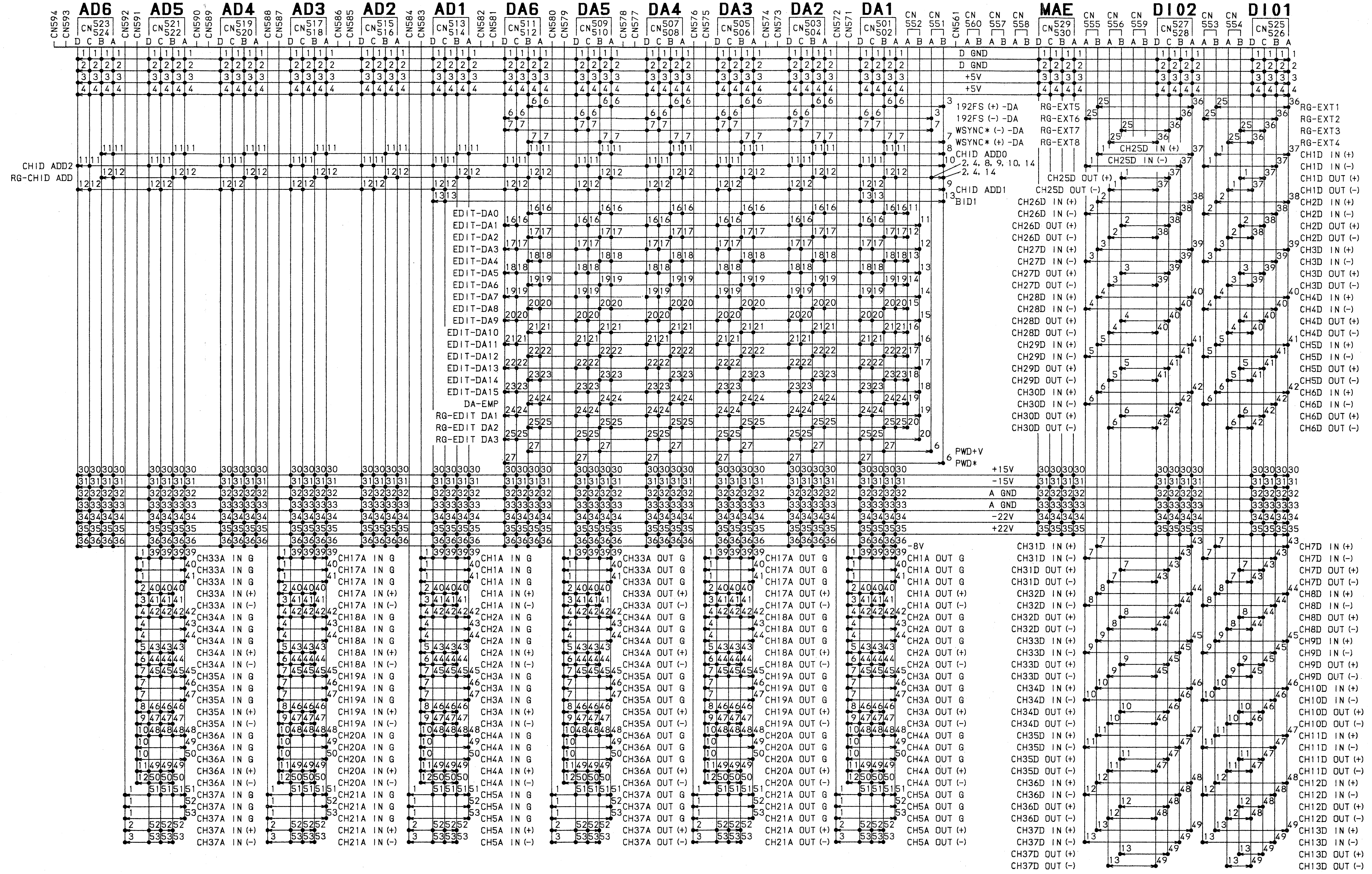
BOARD NO.1-627-094-11 & HIGHER
PCM-3348


MB-195 BOARD
CTL
TRC
TC
CK
MC
ED2
ED1
SPU4
SPU3
SPU2
SPU1
DET4
DET3
DET2
DET1
ARP
CN478
CN477
CN474
CN482
CN462
CN433
CN434
CN455
CN465
CN431
CN432
CN463
CN429
CN430
CN458
CN460
CN427
CN428
CN461
CN453
CN476
CN425
CN426
CN459
CN456
CN423
CN424
CN421
CN422
CN464
CN457
CN419
CN420
CN417
CN418
CN415
CN416
CN454
CN413
CN414
CN411
CN412
CN409
CN410
CN407
CN408
CN452
CN405
CN406
CN451
CN403
CN404
CN401
CN402
CN471
CN473
PRE-TC
RG-PRE-TC
PRE-CTL
RG-PRE-CTL
D GND

Mother Board
MB-195 BOARD (5/5)

BOARD NO.1-627-094-11 & HIGHER
PCM-3348

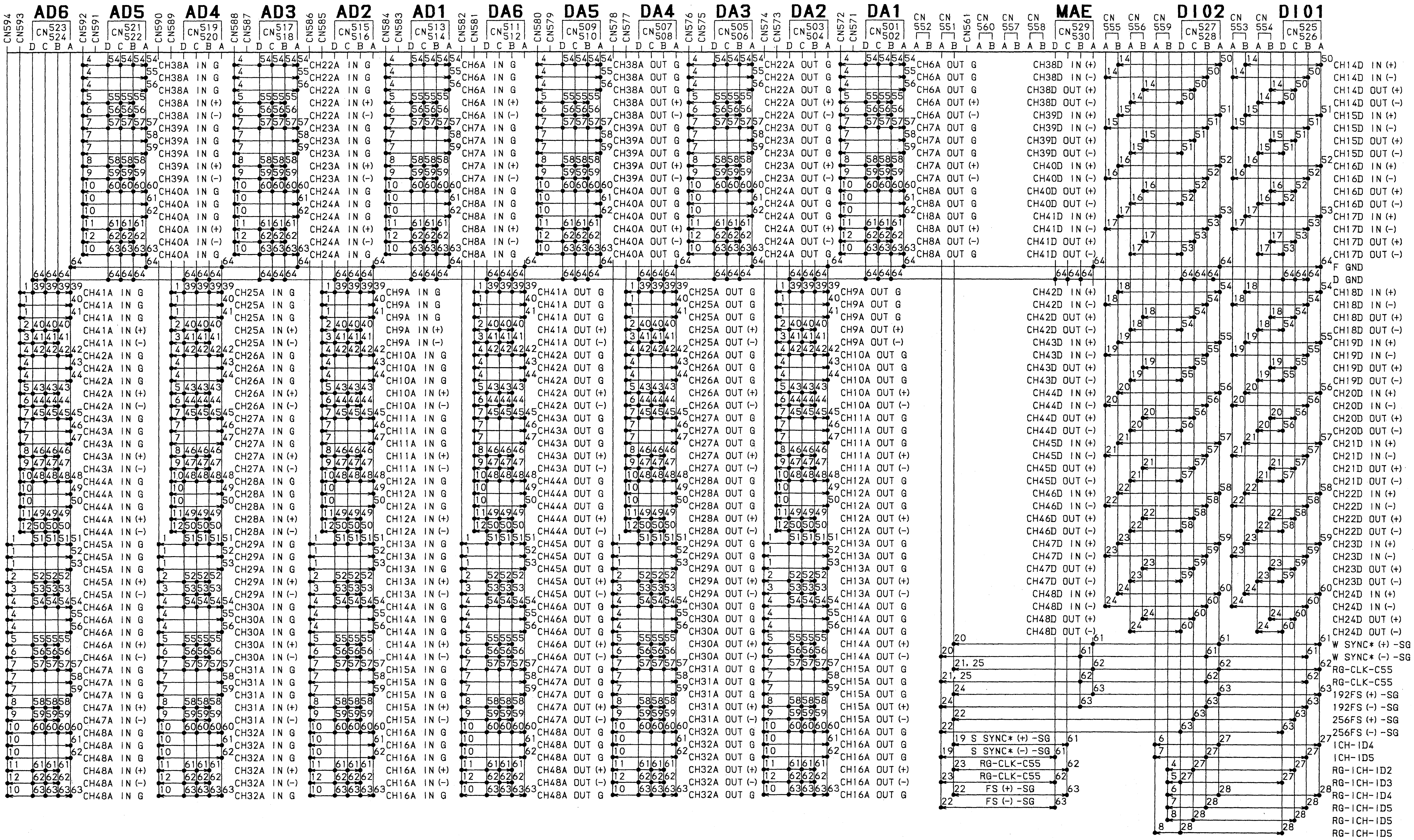
MB-196 BOARD


AD6
AD5
AD4
AD3
AD2
AD1
DA6
DA5
DA4
DA3
DA2
DA1
MAE
DIO2
DIO1
CN594
CN593
CN523
CN524
CN592
CN591
CN521
CN522
CN590
CN589
CN519
CN520
CN588
CN587
CN517
CN518
CN586
CN585
CN515
CN516
CN584
CN583
CN513
CN514
CN582
CN581
CN511
CN512
CN580
CN579
CN509
CN510
CN578
CN577
CN507
CN508
CN576
CN575
CN505
CN506
CN574
CN573
CN503
CN504
CN572
CN571
CN501
CN502
CN 552
CN 551
CN561
CN 560
CN 557
CN 558
CN529
CN530
CN 555
CN 556
CN 559
CN527
CN528
CN 553
CN 554
CN525
CN526
D GND
D GND
+5V
+5V
192FS (+) -DA
192FS (-) -DA
WSYNC* (-) -DA
WSYNC* (+) -DA
CHID ADD0
2, 4, 8, 9, 10, 14
2, 4, 14
CHID ADD1
BID1
CHID ADD2
RG-CHID ADD
EDIT-DA0
EDIT-DA1
EDIT-DA2
EDIT-DA3
EDIT-DA4
EDIT-DA5
EDIT-DA6
EDIT-DA7
EDIT-DA8
EDIT-DA9
EDIT-DA10
EDIT-DA11
EDIT-DA12
EDIT-DA13
EDIT-DA14
EDIT-DA15
DA-EMP
RG-EDIT DA1
RG-EDIT DA2
RG-EDIT DA3
PWD+V
PWD*
+15V
-15V
A GND
A GND
-22V
+22V
-8V
RG-EXT1
RG-EXT2
RG-EXT3
RG-EXT4
RG-EXT5
RG-EXT6
RG-EXT7
RG-EXT8
CH25D IN (+)
CH25D IN (-)
CH25D OUT (+)
CH25D OUT (-)
CH33A IN G
CH17A IN G
CH1A IN G
CH33A OUT G
CH17A OUT G
CH1A OUT G

Mother Board
MB-196 BOARD (1/5)

BOARD NO.1-627-095-11 & HIGHER
PCM-3348

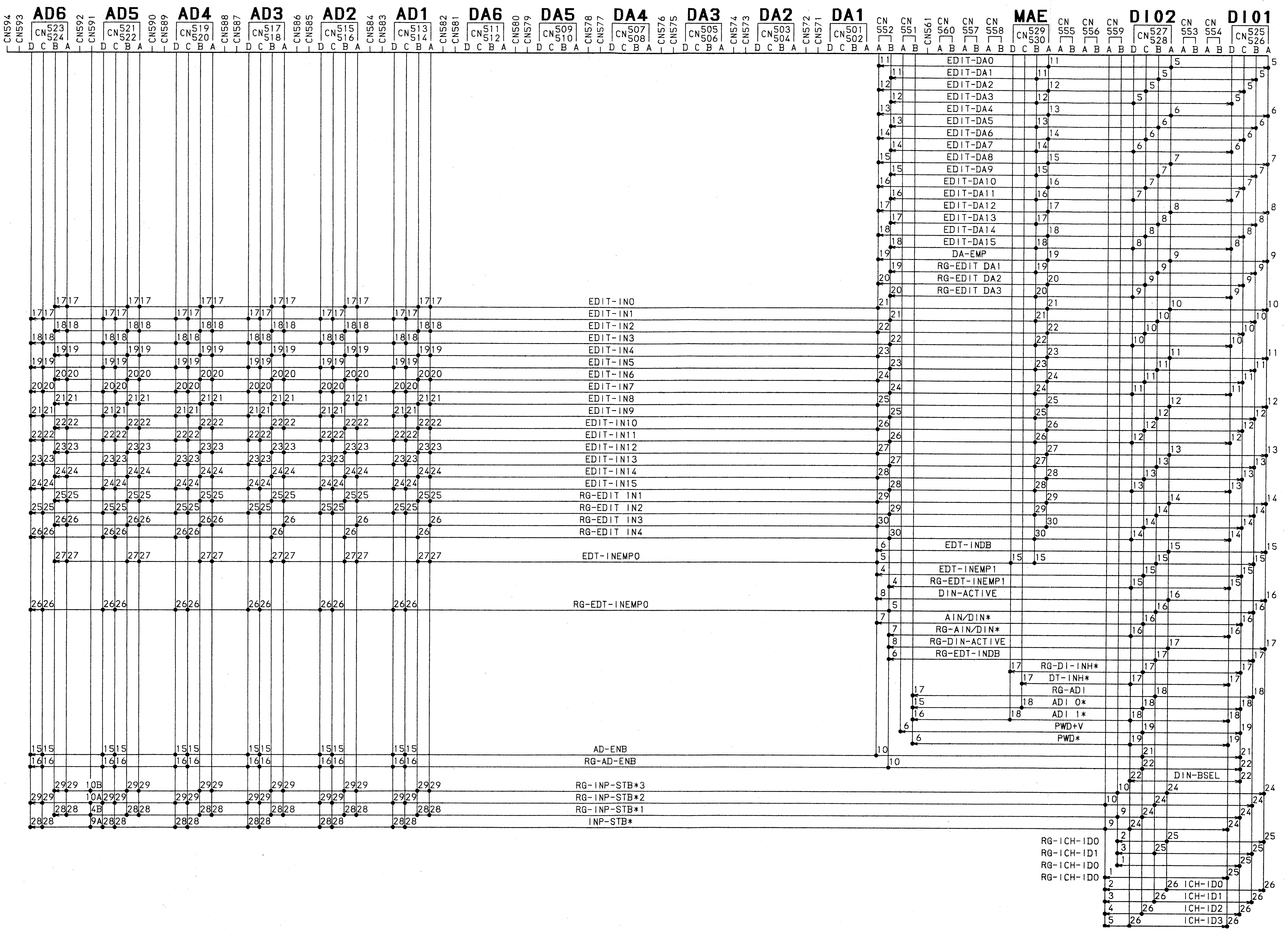
MB-196 BOARD


AD6
CN523
CN524
AD5
CN521
CN522
AD4
CN519
CN520
AD3
CN517
CN518
AD2
CN515
CN516
AD1
CN513
CN514
DA6
CN511
CN512
DA5
CN509
CN510
DA4
CN507
CN508
DA3
CN505
CN506
DA2
CN503
CN504
DA1
CN501
CN502
MAE
CN529
CN530
DIO2
CN527
CN528
DIO1
CN525
CN526
F GND
D GND
W SYNC* (+) -SG
W SYNC* (-) -SG
RG-CLK-C55
192FS (+) -SG
192FS (-) -SG
256FS (+) -SG
256FS (-) -SG
S SYNC* (+) -SG
S SYNC* (-) -SG
FS (+) -SG
FS (-) -SG
ICH-ID4
ICH-ID5
RG-ICH-ID2
RG-ICH-ID3
RG-ICH-ID4
RG-ICH-ID5

Mother Board
MB-196 BOARD (2/5)

BOARD NO.1-627-095-11 & HIGHER
PCM-3348

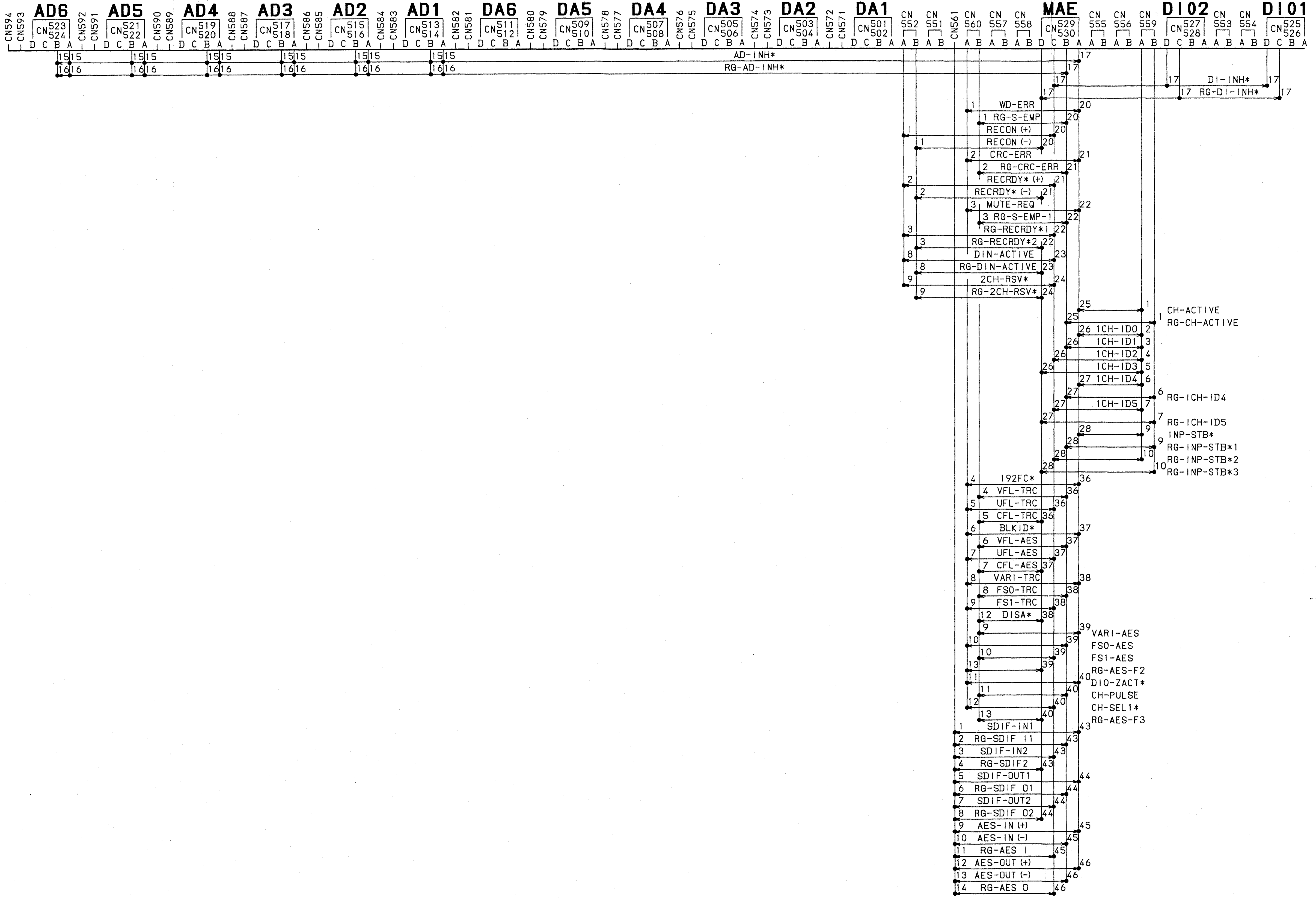
MB-196 BOARD


AD6
CN523 CN524
AD5
CN521 CN522
AD4
CN519 CN520
AD3
CN517 CN518
AD2
CN515 CN516
AD1
CN513 CN514
DA6
CN511 CN512
DA5
CN509 CN510
DA4
CN507 CN508
DA3
CN505 CN506
DA2
CN503 CN504
DA1
CN501 CN502
MAE
CN529 CN530
DIO2
CN527 CN528
DIO1
CN525 CN526
CN594
CN593
CN592
CN591
CN590
CN589
CN588
CN587
CN586
CN585
CN584
CN583
CN582
CN581
CN580
CN579
CN578
CN577
CN576
CN575
CN574
CN573
CN572
CN571
CN552
CN551
CN561
CN560
CN557
CN558
CN555
CN556
CN559
CN553
CN554
EDIT-DA0
EDIT-DA1
EDIT-DA2
EDIT-DA3
EDIT-DA4
EDIT-DA5
EDIT-DA6
EDIT-DA7
EDIT-DA8
EDIT-DA9
EDIT-DA10
EDIT-DA11
EDIT-DA12
EDIT-DA13
EDIT-DA14
EDIT-DA15
DA-EMP
RG-EDIT DA1
RG-EDIT DA2
RG-EDIT DA3
EDIT-IN0
EDIT-IN1
EDIT-IN2
EDIT-IN3
EDIT-IN4
EDIT-IN5
EDIT-IN6
EDIT-IN7
EDIT-IN8
EDIT-IN9
EDIT-IN10
EDIT-IN11
EDIT-IN12
EDIT-IN13
EDIT-IN14
EDIT-IN15
RG-EDIT IN1
RG-EDIT IN2
RG-EDIT IN3
RG-EDIT IN4
EDT-INDB
EDT-INEMP0
EDT-INEMP1
RG-EDT-INEMP1
DIN-ACTIVE
RG-EDT-INEMP0
AIN/DIN*
RG-AIN/DIN*
RG-DIN-ACTIVE
RG-EDT-INDB
RG-DI-INH*
DT-INH*
RG-ADI
ADI 0*
ADI 1*
PWD+V
PWD*
AD-ENB
RG-AD-ENB
DIN-BSEL
RG-INP-STB*3
RG-INP-STB*2
RG-INP-STB*1
INP-STB*
RG-ICH-ID0
RG-ICH-ID1
RG-ICH-ID0
RG-ICH-ID0
ICH-ID0
ICH-ID1
ICH-ID2
ICH-ID3

Mother Board
MB-196 BOARD (3/5)

BOARD NO.1-627-095-11 & HIGHER
PCM-3348

MB-196 BOARD


AD6
AD5
AD4
AD3
AD2
AD1
DA6
DA5
DA4
DA3
DA2
DA1
MAE
DIO2
DIO1
CN594
CN593
CN523
CN524
CN592
CN591
CN521
CN522
CN590
CN589
CN519
CN520
CN588
CN587
CN517
CN518
CN586
CN585
CN515
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CN514
CN582
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CN512
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CN571
CN501
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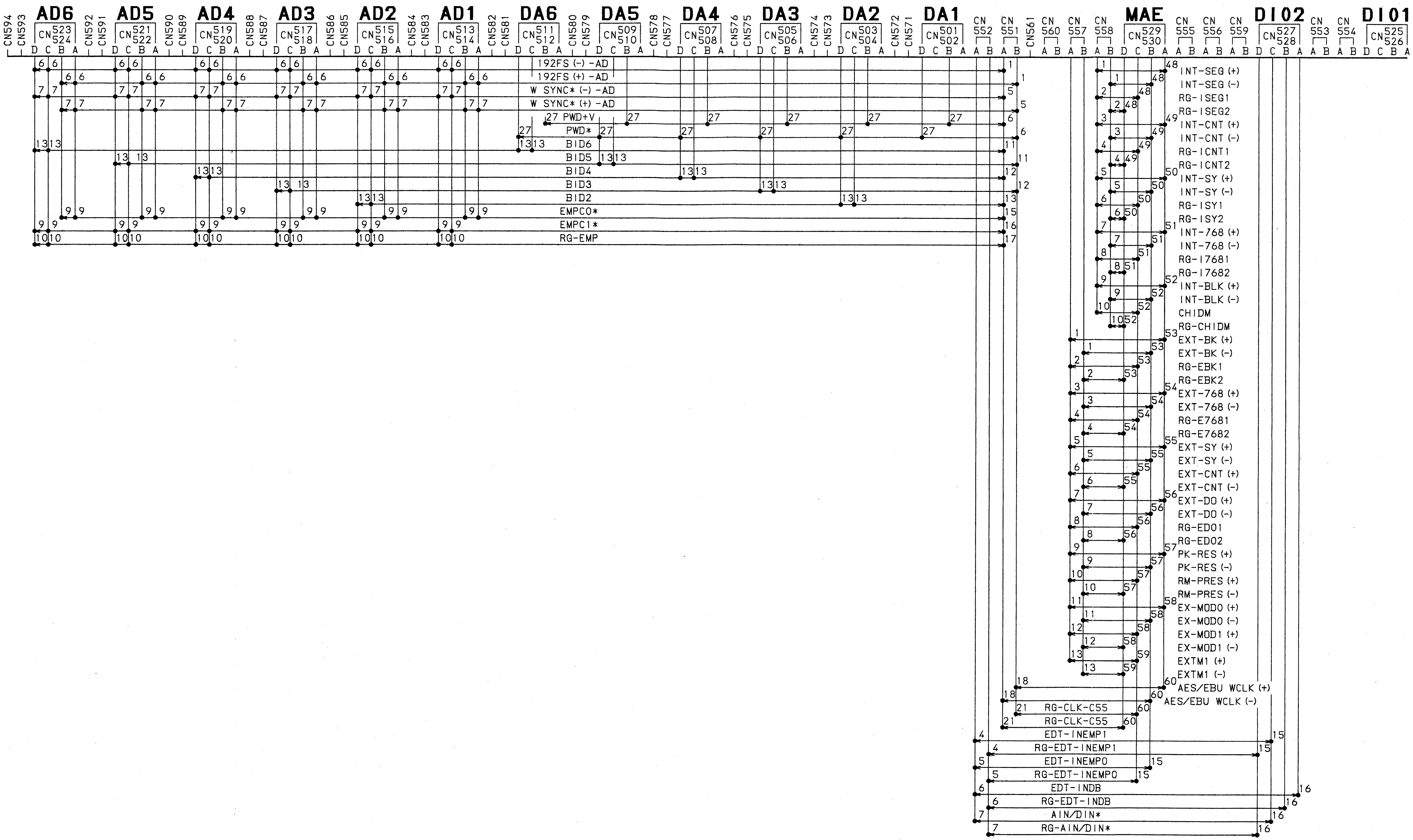
CN551
CN561
CN560
CN557
CN558
CN529
CN530
CN555
CN556
CN559
CN527
CN528
CN553
CN554
CN525
CN526
AD-INH*
RG-AD-INH*
DI-INH*
RG-DI-INH*
WD-ERR
RG-S-EMP
RECON (+)
RECON (-)
CRC-ERR
RG-CRC-ERR
RECRDY* (+)
RECRDY* (-)
MUTE-REQ
RG-S-EMP-1
RG-RECRDY*1
RG-RECRDY*2
DIN-ACTIVE
RG-DIN-ACTIVE
2CH-RSV*
RG-2CH-RSV*
CH-ACTIVE
RG-CH-ACTIVE
1CH-ID0
1CH-ID1
1CH-ID2
1CH-ID3
1CH-ID4
RG-ICH-ID4
1CH-ID5
RG-ICH-ID5
INP-STB*
RG-INP-STB*1
RG-INP-STB*2
RG-INP-STB*3
192FC*
VFL-TRC
UFL-TRC
CFL-TRC
BLKID*
VFL-AES
UFL-AES
CFL-AES
VARI-TRC
FS0-TRC
FS1-TRC
DISA*
VARI-AES
FS0-AES
FS1-AES
RG-AES-F2
DIO-ZACT*
CH-PULSE
CH-SEL1*
RG-AES-F3
SDIF-IN1
RG-SDIF I1
SDIF-IN2
RG-SDIF2
SDIF-OUT1
RG-SDIF O1
SDIF-OUT2
RG-SDIF O2
AES-IN (+)
AES-IN (-)
RG-AES I
AES-OUT (+)
AES-OUT (-)
RG-AES O

Mother Board
MB-196 BOARD (4/5)

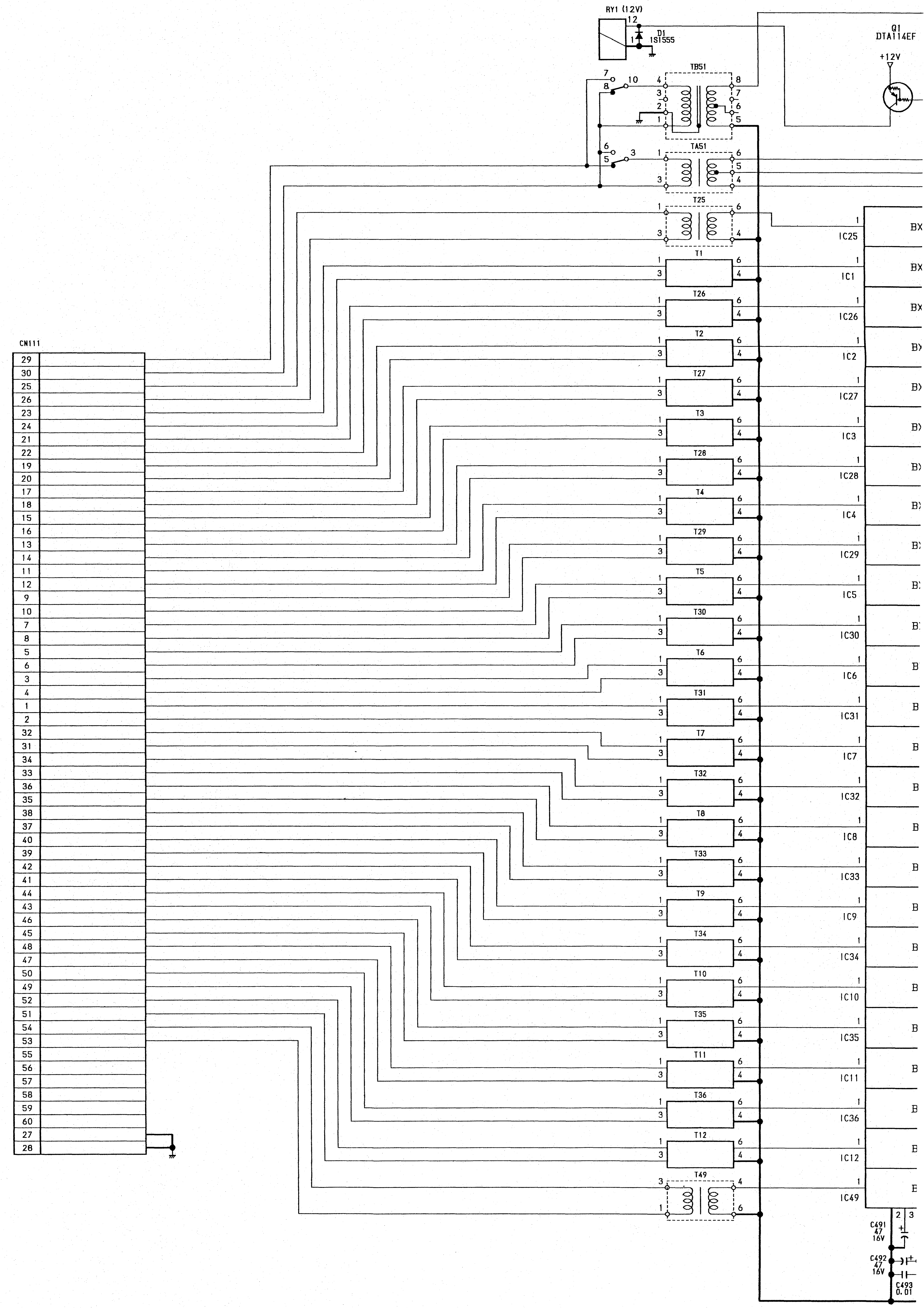
BOARD NO.1-627-095-11 & HIGHER
PCM-3348

MB-196 BOARD


AD6
CN523 CN524
AD5
CN521 CN522
AD4
CN519 CN520
AD3
CN517 CN518
AD2
CN515 CN516
AD1
CN513 CN514
DA6
CN511 CN512
DA5
CN509 CN510
DA4
CN507 CN508
DA3
CN505 CN506
DA2
CN503 CN504
DA1
CN501 CN502
CN594 CN593 CN592 CN591 CN590 CN589 CN588 CN587 CN586 CN585 CN584 CN583 CN582 CN581 CN580 CN579 CN578 CN577 CN576 CN575 CN574 CN573 CN572 CN571
CN 552
CN 551
CN561
CN 560
CN 557
CN 558
MAE
CN529 CN530
CN 555
CN 556
CN 559
DI02
CN527 CN528
CN 553
CN 554
DI01
CN525 CN526
192FS (-) -AD
192FS (+) -AD
W SYNC* (-) -AD
W SYNC* (+) -AD
PWD+V
PWD*
BID6
BID5
BID4
BID3
BID2
EMPC0*
EMPC1*
RG-EMP
INT-SEG (+)
INT-SEG (-)
RG-ISEG1
RG-ISEG2
INT-CNT (+)
INT-CNT (-)
RG-ICNT1
RG-ICNT2
INT-SY (+)
INT-SY (-)
RG-ISY1
RG-ISY2
INT-768 (+)
INT-768 (-)
RG-I7681
RG-I7682
INT-BLK (+)
INT-BLK (-)
CHIDM
RG-CHIDM
EXT-BK (+)
EXT-BK (-)
RG-EBK1
RG-EBK2
EXT-768 (+)
EXT-768 (-)
RG-E7681
RG-E7682
EXT-SY (+)
EXT-SY (-)
EXT-CNT (+)
EXT-CNT (-)
EXT-D0 (+)
EXT-D0 (-)
RG-ED01
RG-ED02
PK-RES (+)
PK-RES (-)
RM-PRES (+)
RM-PRES (-)
EX-MOD0 (+)
EX-MOD0 (-)
EX-MOD1 (+)
EX-MOD1 (-)
EXTM1 (+)
EXTM1 (-)
AES/EBU WCLK (+)
AES/EBU WCLK (-)
RG-CLK-C55
RG-CLK-C55
EDT-INEMP1
RG-EDT-INEMP1
EDT-INEMP0
RG-EDT-INEMP0
EDT-INDB
RG-EDT-INDB
AIN/DIN*
RG-AIN/DIN*

Mother Board
MB-196 BOARD (5/5)

BOARD NO.1-627-095-11 & HIGHER
PCM-3348


RY1 (12V)
D1
1S1555
Q1
DTA114EF
+12V
TB51
TA51
T25
T1
T26
T2
T27
T3
T28
T4
T29
T5
T30
T6
T31
T7
T32
T8
T33
T9
T34
T10
T35
T11
T36
T12
T49
IC25
IC1
IC26
IC2
IC27
IC3
IC28
IC4
IC29
IC5
IC30
IC6
IC31
IC7
IC32
IC8
IC33
IC9
IC34
IC10
IC35
IC11
IC36
IC12
IC49
CN111
29
30
25
26
23
24
21
22
19
20
17
18
15
16
13
14
11
12
9
10
7
8
5
6
3
4
1
2
32
31
34
33
36
35
38
37
40
39
42
41
44
43
46
45
48
47
50
49
52
51
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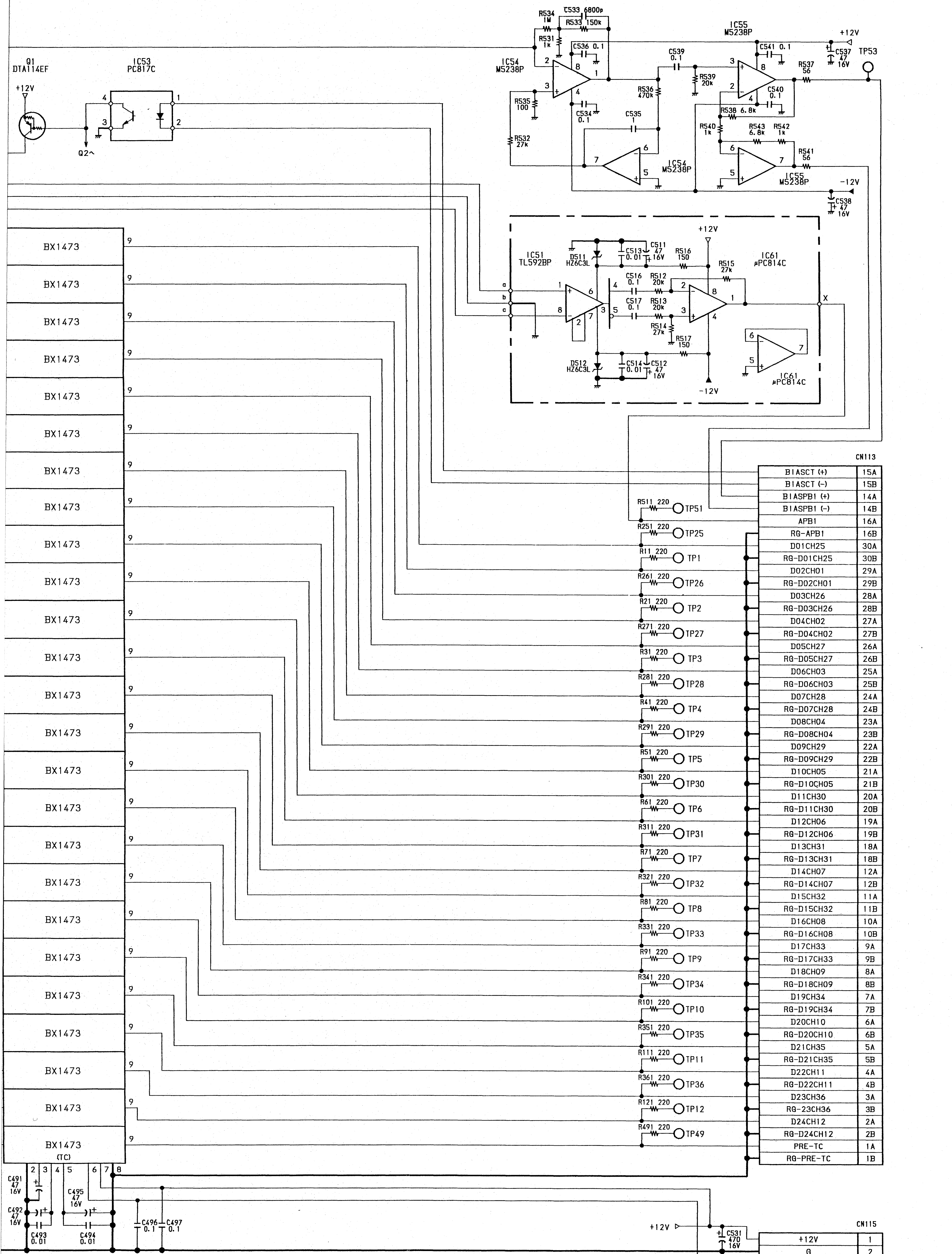
60
27
28
C491
47
16V
C492
47
16V
C493
0.01

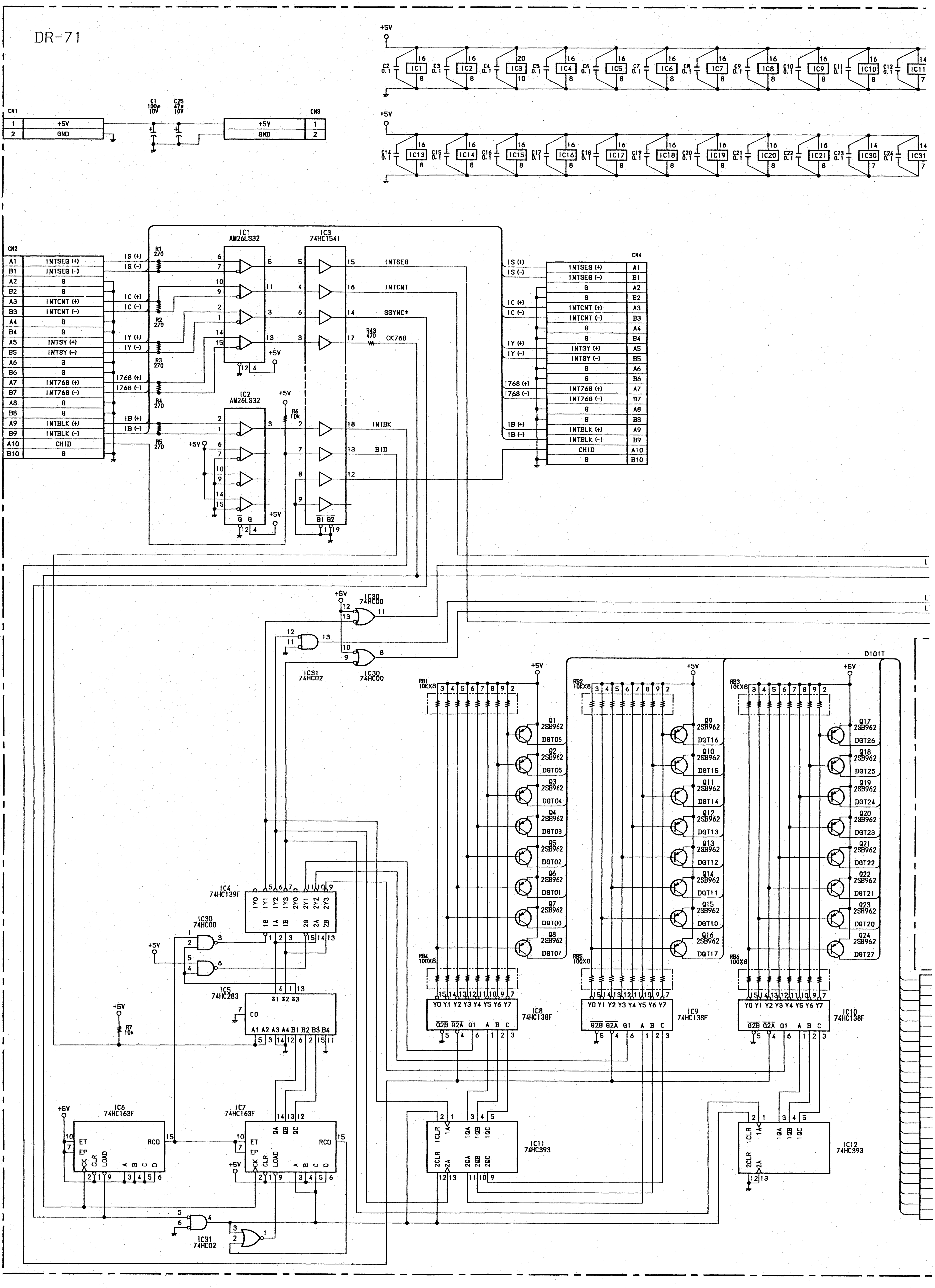


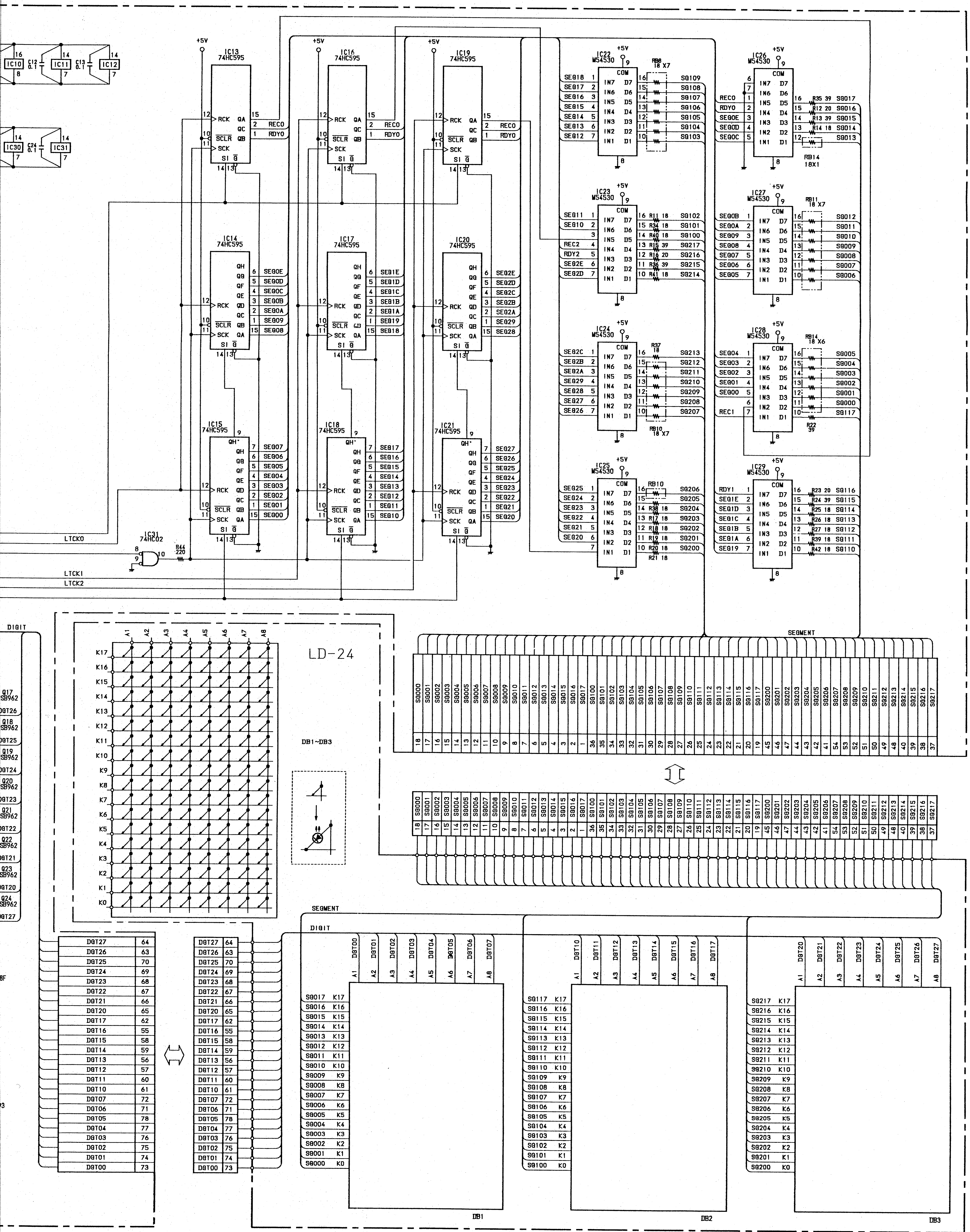
Q1
DTA114EF
+12V
IC53
PC817C
Q2
IC54
M5238P
IC55
M5238P
R534 1M
C533 6800p
R533 150k
R531 1k
C536 0.1
R535 100
R532 27k
C534 0.1
C535 1
R536 470k
C539 0.1
R539 20k
C541 0.1
C540 0.1
R538 6.8k
R540 1k
R543 6.8k
R542 1k
R537 56
R541 56
C537 47 16V
C538 47 16V
TP53
+12V
-12V
IC51
TL592BP
D511
HZ6C3L
D512
HZ6C3L
C513 0.01
C511 47 16V
C514 0.01
C512 47 16V
R516 150
R517 150
C516 0.1
C517 0.1
R512 20k
R513 20k
R514 27k
R515 27k
IC61
μPC814C
BX1473
(TC)
R511 220 TP51
R251 220 TP25
R11 220 TP1
R261 220 TP26
R21 220 TP2
R271 220 TP27
R31 220 TP3
R281 220 TP28
R41 220 TP4
R291 220 TP29
R51 220 TP5
R301 220 TP30
R61 220 TP6
R311 220 TP31
R71 220 TP7
R321 220 TP32
R81 220 TP8
R331 220 TP33
R91 220 TP9
R341 220 TP34
R101 220 TP10
R351 220 TP35
R111 220 TP11
R361 220 TP36
R121 220 TP12
R491 220 TP49
CN113
BIASCT (+) 15A
BIASCT (-) 15B
BIASPB1 (+) 14A
BIASPB1 (-) 14B
APB1 16A
RG-APB1 16B
D01CH25 30A
RG-D01CH25 30B
D02CH01 29A
RG-D02CH01 29B
D03CH26 28A
RG-D03CH26 28B
D04CH02 27A
RG-D04CH02 27B
D05CH27 26A
RG-D05CH27 26B
D06CH03 25A
RG-D06CH03 25B
D07CH28 24A
RG-D07CH28 24B
D08CH04 23A
RG-D08CH04 23B
D09CH29 22A
RG-D09CH29 22B
D10CH05 21A
RG-D10CH05 21B
D11CH30 20A
RG-D11CH30 20B
D12CH06 19A
RG-D12CH06 19B
D13CH31 18A
RG-D13CH31 18B
D14CH07 12A
RG-D14CH07 12B
D15CH32 11A
RG-D15CH32 11B
D16CH08 10A
RG-D16CH08 10B
D17CH33 9A
RG-D17CH33 9B
D18CH09 8A
RG-D18CH09 8B
D19CH34 7A
RG-D19CH34 7B
D20CH10 6A
RG-D20CH10 6B
D21CH35 5A
RG-D21CH35 5B
D22CH11 4A
RG-D22CH11 4B
D23CH36 3A
RG-23CH36 3B
D24CH12 2A
RG-D24CH12 2B
PRE-TC 1A
RG-PRE-TC 1B
C491 47 16V
C492 47 16V
C493 0.01
C495 47 16V
C494 0.01
C496 0.1
C497 0.1
C531 470 16V
C532 470 16V
CN115
+12V 1
G 2
-12V 3

Pre Amplifier

PRE-1 BOARD (1/2)

BOARD NO.1-627-123-11 & HIGHER
PCM-3348


DR-71
+5V
C2 0.1
IC1
IC2
IC3
IC4
IC5
IC6
IC7
IC8
IC9
IC10
IC11
IC13
IC14
IC15
IC16
IC17
IC18
IC19
IC20
IC21
IC30
IC31
CN1
+5V
GND
C1 100μ 10V
C25 47μ 10V
CN3
CN2
A1 INTSEG (+)
B1 INTSEG (−)
A2 G
B2 G
A3 INTCNT (+)
B3 INTCNT (−)
A4 G
B4 G
A5 INTSY (+)
B5 INTSY (−)
A6 G
B6 G
A7 INT768 (+)
B7 INT768 (−)
A8 G
B8 G
A9 INTBLK (+)
B9 INTBLK (−)
A10 CHID
B10 G
IS (+)
IS (−)
IC (+)
IC (−)
IY (+)
IY (−)
I768 (+)
I768 (−)
IB (+)
IB (−)
R1 270
R2 270
R3 270
R4 270
R5 270
IC1 AM26LS32
IC2 AM26LS32
IC3 74HCT541
R6 10k
R43 470
INTSEG
INTCNT
SSYNC*
CK768
INTBK
BID
CN4
IC30 74HC00
IC31 74HC02
DIGIT
RB1 10KX8
RB2 10KX8
RB3 10KX8
Q1 2SB962 DGT06
Q2 2SB962 DGT05
Q3 2SB962 DGT04
Q4 2SB962 DGT03
Q5 2SB962 DGT02
Q6 2SB962 DGT01
Q7 2SB962 DGT00
Q8 2SB962 DGT07
Q9 2SB962 DGT16
Q10 2SB962 DGT15
Q11 2SB962 DGT14
Q12 2SB962 DGT13
Q13 2SB962 DGT12
Q14 2SB962 DGT11
Q15 2SB962 DGT10
Q16 2SB962 DGT17
Q17 2SB962 DGT26
Q18 2SB962 DGT25
Q19 2SB962 DGT24
Q20 2SB962 DGT23
Q21 2SB962 DGT22
Q22 2SB962 DGT21
Q23 2SB962 DGT20
Q24 2SB962 DGT27
RB4 100X8
RB5 100X8
RB6 100X8
IC8 74HC138F
IC9 74HC138F
IC10 74HC138F
IC4 74HC139F
IC5 74HC283
R7 10k
IC6 74HC163F
IC7 74HC163F
IC11 74HC393
IC12 74HC393
Y0 Y1 Y2 Y3 Y4 Y5 Y6 Y7
G2B G2A G1 A B C
1Y0 1Y1 1Y2 1Y3 2Y0 2Y1 2Y2 2Y3
1G 1A 1B 2G 2A 2B
Σ1 Σ2 Σ3
C0
A1 A2 A3 A4 B1 B2 B3 B4
ET EP CK CLR LOAD A B C D RCO
QA QB QC
1CLR 1A 1QA 1QB 1QC
2CLR 2A 2QA 2QB 2QC



IC13 74HC595
IC16 74HC595
IC19 74HC595
IC14 74HC595
IC17 74HC595
IC20 74HC595
IC15 74HC595
IC18 74HC595
IC21 74HC595
IC22 M54530
IC23 M54530
IC24 M54530
IC25 M54530
IC26 M54530
IC27 M54530
IC28 M54530
IC29 M54530
IC31 74HC02
R44 220
+5V
RCK
SCK
SCLR
RECO
RDYO
REC1
REC2
RDY1
RDY2
LTCK0
LTCK1
LTCK2
COM
LD-24
DB1~DB3
SEGMENT
DIGIT
DB1
DB2
DB3

Driver

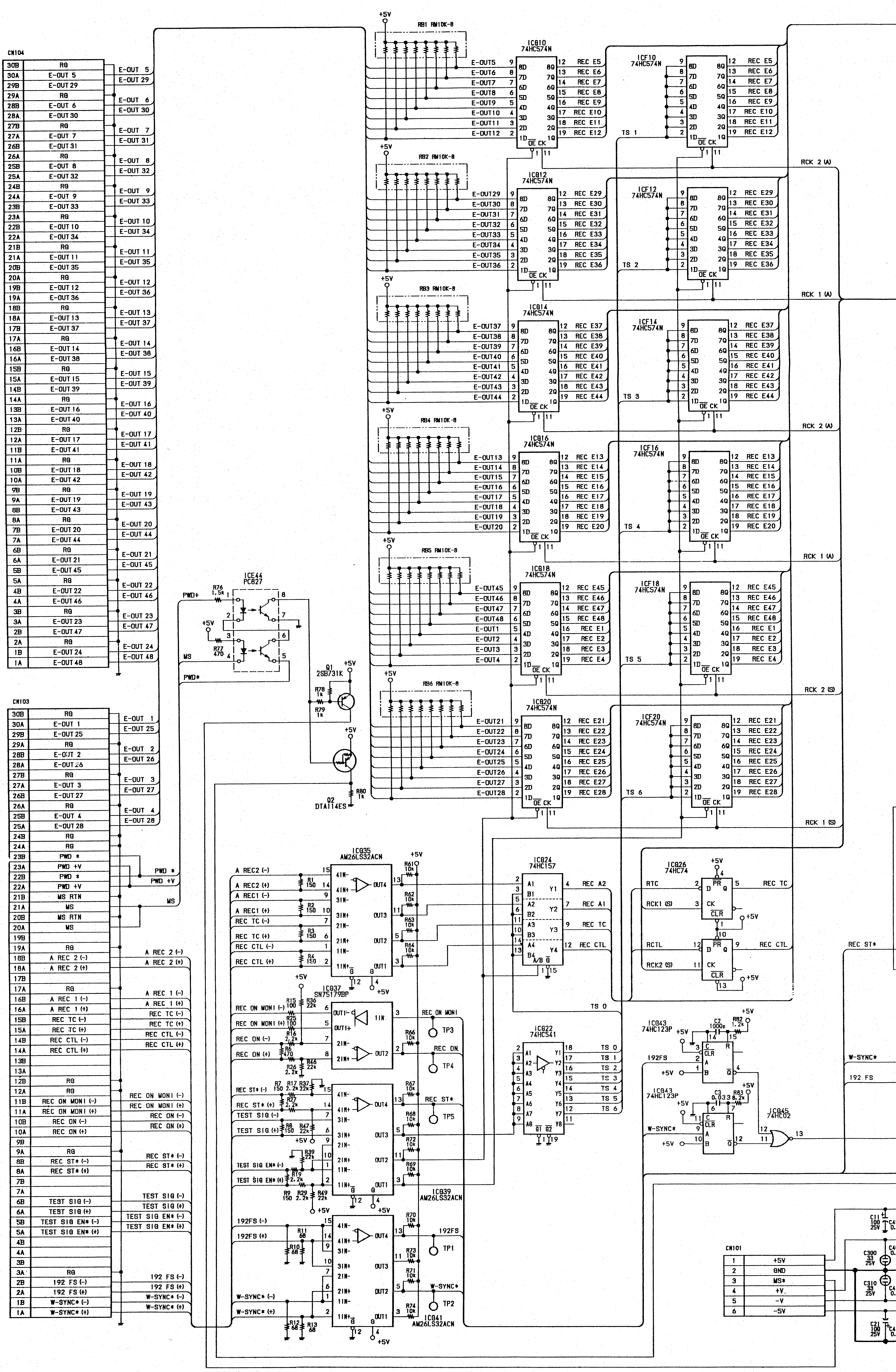
DR-71 BOARD

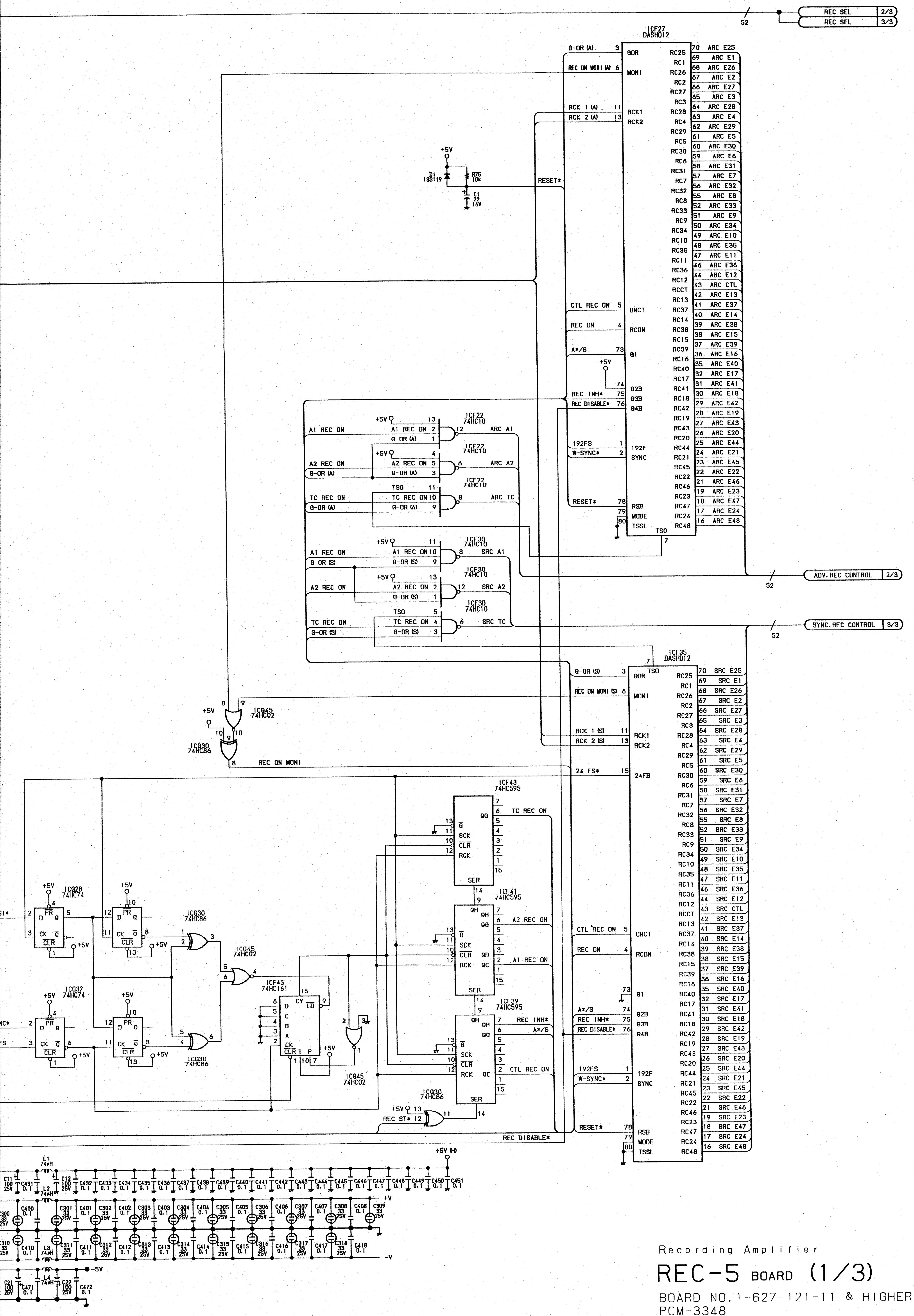
BOARD NO.1-627-135-11 & HIGHER
PCM-3348

LED Display

LD-24 BOARD

BOARD NO.1-627-136-11 & HIGHER
PCM-3348

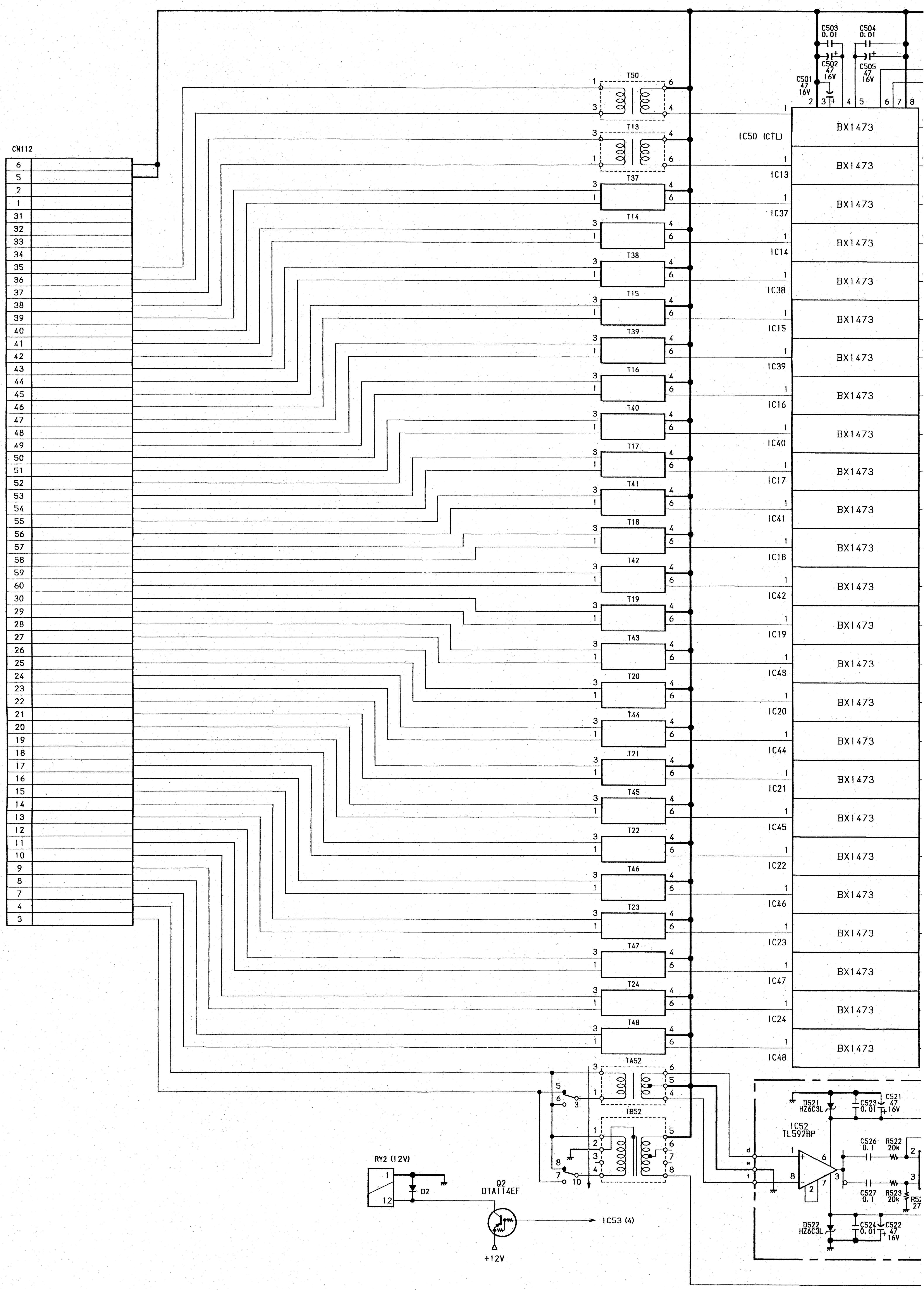

CN104
30B RG
30A E-OUT 5
29B E-OUT 29
29A RG
28B E-OUT 6
28A E-OUT 30
27B RG
27A E-OUT 7
26B E-OUT 31
26A RG
25B E-OUT 8
25A E-OUT 32
24B RG
24A E-OUT 9
23B E-OUT 33
23A RG
22B E-OUT 10
22A E-OUT 34
21B RG
21A E-OUT 11
20B E-OUT 35
20A RG
19B E-OUT 12
19A E-OUT 36
18B RG
18A E-OUT 13
17B E-OUT 37
17A RG
16B E-OUT 14
16A E-OUT 38
15B RG
15A E-OUT 15
14B E-OUT 39
14A RG
13B E-OUT 16
13A E-OUT 40
12B RG
12A E-OUT 17
11B E-OUT 41
11A RG
10B E-OUT 18
10A E-OUT 42
9B RG
9A E-OUT 19
8B E-OUT 43
8A RG
7B E-OUT 20
7A E-OUT 44
6B RG
6A E-OUT 21
5B E-OUT 45
5A RG
4B E-OUT 22
4A E-OUT 46
3B RG
3A E-OUT 23
2B E-OUT 47
2A RG
1B E-OUT 24
1A E-OUT 48
CN103
30B RG
30A E-OUT 1
29B E-OUT 25
29A RG
28B E-OUT 2
28A E-OUT 26
27B RG
27A E-OUT 3
26B E-OUT 27
26A RG
25B E-OUT 4
25A E-OUT 28
24B RG
24A RG
23B PWD *
23A PWD +V
22B PWD *
22A PWD +V
21B MS RTN
21A MS
20B MS RTN
20A MS
19B
19A RG
18B A REC 2 (-)
18A A REC 2 (+)
17B
17A RG
16B A REC 1 (-)
16A A REC 1 (+)
15B REC TC (-)
15A REC TC (+)
14B REC CTL (-)
14A REC CTL (+)
13B
13A
12B RG
12A RG
11B REC ON MONI (-)
11A REC ON MONI (+)
10B REC ON (-)
10A REC ON (+)
9B
9A RG
8B REC ST* (-)
8A REC ST* (+)
7B
7A
6B TEST SIG (-)
6A TEST SIG (+)
5B TEST SIG EN* (-)
5A TEST SIG EN* (+)
4B
4A
3B
3A RG
2B 192 FS (-)
2A 192 FS (+)
1B W-SYNC* (-)
1A W-SYNC* (+)
PWD *
PWD +V
MS
PWD+
PWD*
ICE44 PC827
R76 1.5k
R77 470
+5V
Q1 2SB731K
R78 1k
R79 1k
Q2 DTA114ES
R80 1k
RB1 RM10K-8
RB2 RM10K-8
RB3 RM10K-8
RB4 RM10K-8
RB5 RM10K-8
RB6 RM10K-8
ICG10 74HC574N
ICG12 74HC574N
ICG14 74HC574N
ICG16 74HC574N
ICG18 74HC574N
ICG20 74HC574N
ICF10 74HC574N
ICF12 74HC574N
ICF14 74HC574N
ICF16 74HC574N
ICF18 74HC574N
ICF20 74HC574N
8D 7D 6D 5D 4D 3D 2D 1D
8Q 7Q 6Q 5Q 4Q 3Q 2Q 1Q
OE CK
REC E1 ... REC E48
TS 1
TS 2
TS 3
TS 4
TS 5
TS 6
RCK 2 (A)
RCK 1 (A)
RCK 2 (S)
RCK 1 (S)
ICG35 AM26LS32ACN
R1 150
R2 150
R3 150
R4 150
R61 10k
R62 10k
R63 10k
R64 10k
4IN- 4IN+ 3IN- 3IN+ 2IN- 2IN+ 1IN- 1IN+
OUT4 OUT3 OUT2 OUT1
ICG24 74HC157
A1 B1 A2 B2 A3 B3 A4 B4 A/B G
Y1 Y2 Y3 Y4
REC A2
REC A1
REC TC
REC CTL
ICG26 74HC74
RTC
RCK1 (S)
RCTL
RCK2 (S)
PR D CK CLR Q
ICG37 SN75179BP
R15 100
R36 22k
R25 100
R16 2.2k
R6 470
R46 22k
R26 2.2k
REC ON MONI (-)
REC ON MONI (+)
REC ON (-)
REC ON (+)
REC ON MONI
REC ON
TP3
TP4
R66 10k
ICG22 74HC541
TS 0
R7 150
R17 2.2k
R27 2.2k
R37 22k
R8 150
R47 22k
R39 22k
R19 2.2k
R9 150
R29 2.2k
R49 22k
R67 10k
R68 10k
R72 10k
R69 10k
REC ST* (-)
REC ST* (+)
TEST SIG (-)
TEST SIG (+)
TEST SIG EN* (-)
TEST SIG EN* (+)
REC ST*
TP5
ICG39 AM26LS32ACN
192FS (-)
192FS (+)
R11 68
R10 68
R70 10k
R73 10k
R71 10k
R74 10k
192FS
TP1
W-SYNC* (-)
W-SYNC* (+)
W-SYNC*
TP2
R12 68
R13 68
ICG41 AM26LS32ACN
ICG43 74HC123P
C2 1000p
R82 1.2k
C3 0.033
R83 8.2k
192FS
W-SYNC*
ICG45 74HC02
192 FS
C11 100 25V
C300 33 25V
C310 33 25V
C21 100 25V
CN101
1 +5V
2 GND
3 MS*
4 +V
5 -V
6 -5V


REC SEL 2/3
REC SEL 3/3
52
ICF27
DASH012
B-OR (A) 3
REC ON MONI (A) 6
RCK 1 (A) 11
RCK 2 (A) 13
BOR
MONI
RCK1
RCK2
RC25 RC1 RC26 RC2 RC27 RC3 RC28 RC4 RC29 RC5 RC30 RC6 RC31 RC7 RC32 RC8 RC33 RC9 RC34 RC10 RC35 RC11 RC36 RC12 RCCT RC13 RC37 RC14 RC38 RC15 RC39 RC16 RC40 RC17 RC41 RC18 RC42 RC19 RC43 RC20 RC44 RC21 RC45 RC22 RC46 RC23 RC47 RC24 RC48
70 ARC E25
69 ARC E1
68 ARC E26
67 ARC E2
66 ARC E27
65 ARC E3
64 ARC E28
63 ARC E4
62 ARC E29
61 ARC E5
60 ARC E30
59 ARC E6
58 ARC E31
57 ARC E7
56 ARC E32
55 ARC E8
52 ARC E33
51 ARC E9
50 ARC E34
49 ARC E10
48 ARC E35
47 ARC E11
46 ARC E36
44 ARC E12
43 ARC CTL
42 ARC E13
41 ARC E37
40 ARC E14
39 ARC E38
38 ARC E15
37 ARC E39
36 ARC E16
35 ARC E40
32 ARC E17
31 ARC E41
30 ARC E18
29 ARC E42
28 ARC E19
27 ARC E43
26 ARC E20
25 ARC E44
24 ARC E21
23 ARC E45
22 ARC E22
21 ARC E46
19 ARC E23
18 ARC E47
17 ARC E24
16 ARC E48
+5V
D1 1SS119
R75 10k
C1 22 16V
RESET*
CTL REC ON 5
REC ON 4
A*/S 73
ONCT
RCON
B1
+5V
74 B2B
REC INH* 75 B3B
REC DISABLE* 76 B4B
192FS 1
W-SYNC* 2
192F
SYNC
RESET* 78 RSB
79 MODE
80 TSSL
TSO 7
ICF22 74HC10
A1 REC ON
A1 REC ON 2
B-OR (A) 1
12 ARC A1
A2 REC ON
B-OR (A)
A2 REC ON 5
B-OR (A) 3
6 ARC A2
TC REC ON
B-OR (A)
TSO 11
TC REC ON 10
B-OR (A) 9
8 ARC TC
ICF30 74HC10
A1 REC ON
B OR (S)
A1 REC ON 10
B-OR (S) 9
8 SRC A1
A2 REC ON
A2 REC ON 2
B-OR (S) 1
12 SRC A2
TC REC ON
B-OR (S)
TSO 5
TC REC ON 4
B-OR (S) 3
6 SRC TC
ADV. REC CONTROL 2/3
SYNC. REC CONTROL 3/3
ICF35
DASH012
B-OR (S) 3
REC ON MONI (S) 6
RCK 1 (S) 11
RCK 2 (S) 13
24 FS* 15
24FB
70 SRC E25
69 SRC E1
68 SRC E26
67 SRC E2
66 SRC E27
65 SRC E3
64 SRC E28
63 SRC E4
62 SRC E29
61 SRC E5
60 SRC E30
59 SRC E6
58 SRC E31
57 SRC E7
56 SRC E32
55 SRC E8
52 SRC E33
51 SRC E9
50 SRC E34
49 SRC E10
48 SRC E35
47 SRC E11
46 SRC E36
44 SRC E12
43 SRC CTL
42 SRC E13
41 SRC E37
40 SRC E14
39 SRC E38
38 SRC E15
37 SRC E39
36 SRC E16
35 SRC E40
32 SRC E17
31 SRC E41
30 SRC E18
29 SRC E42
28 SRC E19
27 SRC E43
26 SRC E20
25 SRC E44
24 SRC E21
23 SRC E45
22 SRC E22
21 SRC E46
19 SRC E23
18 SRC E47
17 SRC E24
16 SRC E48
ICQ45 74HC02
ICQ30 74HC86
REC ON MONI
ICF43 74HC595
TC REC ON
G SCK CLR RCK SER QH
ICF41 74HC595
A2 REC ON
A1 REC ON
ICF39 74HC595
REC INH*
A*/S
CTL REC ON
ICQ28 74HC74
ICQ32 74HC74
PR D Q CK Q CLR
ICQ30 74HC86
ICQ45 74HC02
ICF45 74HC161
CY LD D C B A CK CLR T P
ICQ45 74HC02
ICQ30 74HC86
REC ST* 12
REC DISABLE*
+5V (D)
L1 74μH
L2 74μH
L3 74μH
L4 74μH
C11 100 25V
C431 0.1
C12 100 25V
C432 0.1 C433 0.1 C434 0.1 C435 0.1 C436 0.1 C437 0.1 C438 0.1 C439 0.1 C440 0.1 C441 0.1 C442 0.1 C443 0.1 C444 0.1 C445 0.1 C446 0.1 C447 0.1 C448 0.1 C449 0.1 C450 0.1 C451 0.1
+V
C300 33 25V
C400 0.1 C301 33 25V C401 0.1 C302 33 25V C402 0.1 C303 33 25V C403 0.1 C304 33 25V C404 0.1 C305 33 25V C405 0.1 C306 33 25V C406 0.1 C307 33 25V C407 0.1 C308 33 25V C408 0.1 C309 33 25V
C310 33 25V
C410 0.1 C311 33 25V C411 0.1 C312 33 25V C412 0.1 C313 33 25V C413 0.1 C314 33 25V C414 0.1 C315 33 25V C415 0.1 C316 33 25V C416 0.1 C317 33 25V C417 0.1 C318 33 25V C418 0.1
-V
-5V
C21 100 25V
C471 0.1
C22 100 25V
C472 0.1

Recording Amplifier

REC-5 BOARD (1/3)

BOARD NO.1-627-121-11 & HIGHER
PCM-3348


CN112
6
5
2
1
31
32
33
34
35
36
37
38
39
40
41
42
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44
45
46
47
48
49
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19
18
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16
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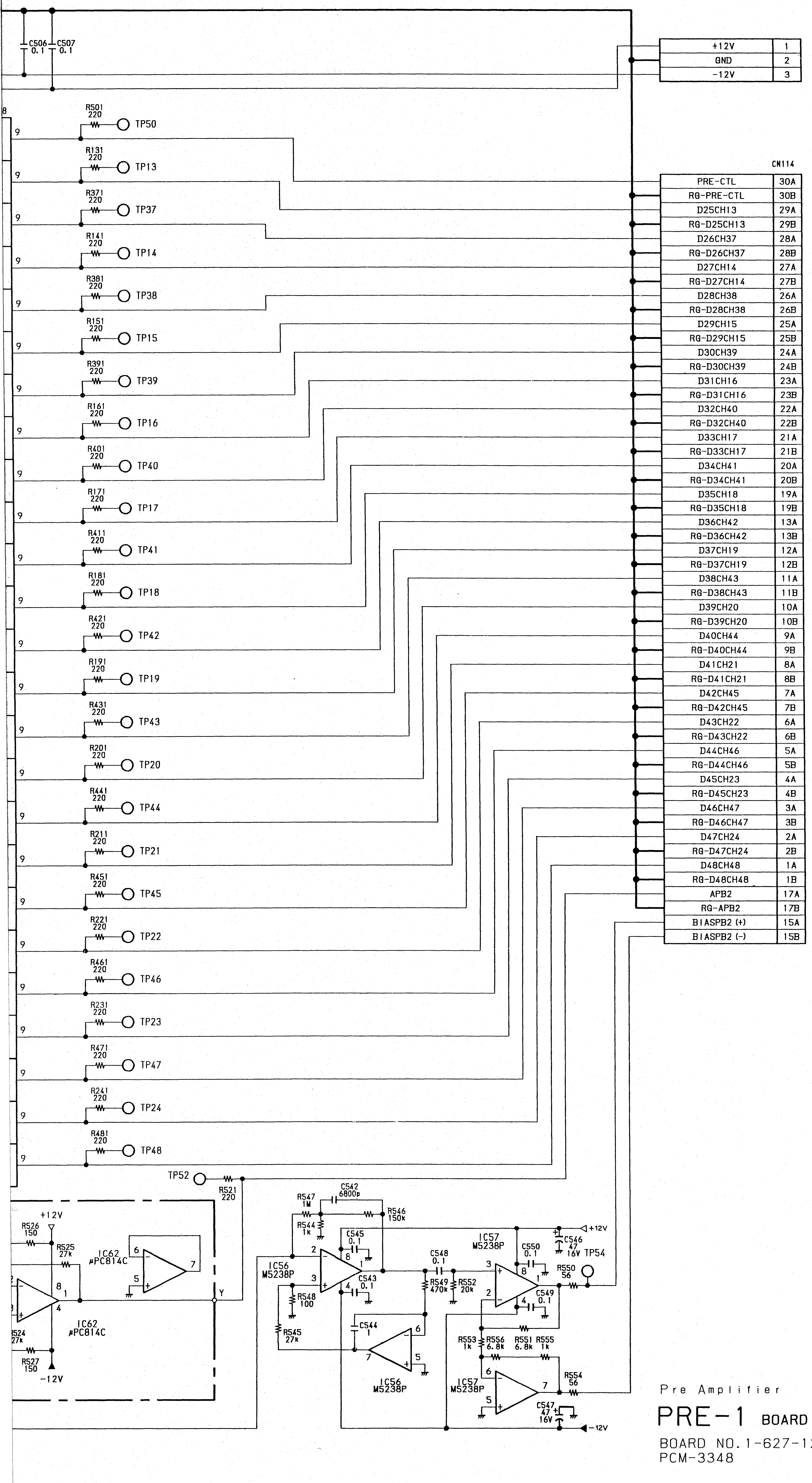
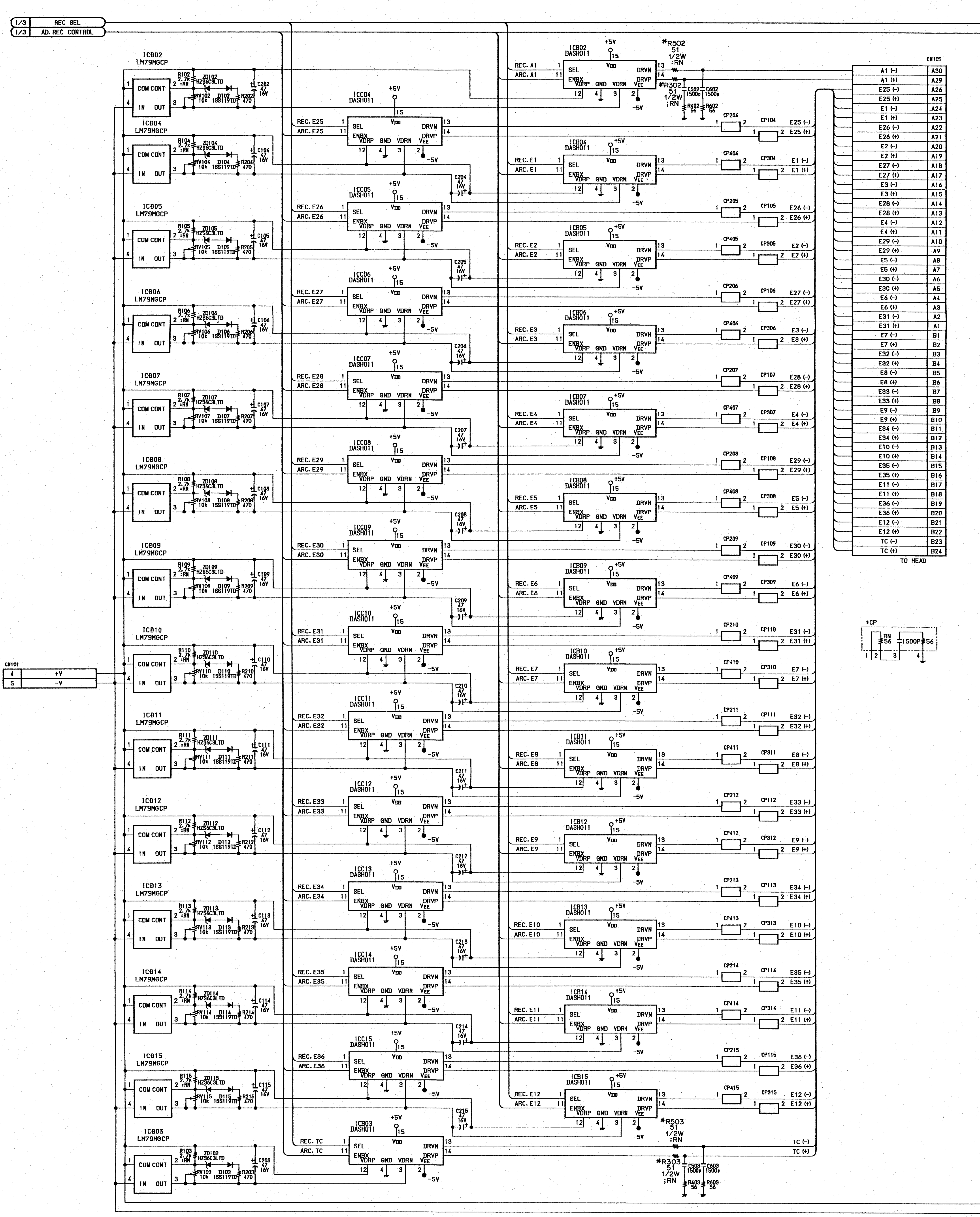
14
13
12
11
10
9
8
7
4
3
T50
T13
T37
T14
T38
T15
T39
T16
T40
T17
T41
T18
T42
T19
T43
T20
T44
T21
T45
T22
T46
T23
T47
T24
T48
TA52
TB52
IC50 (CTL)
IC13
IC37
IC14
IC38
IC15
IC39
IC16
IC40
IC17
IC41
IC18
IC42
IC19
IC43
IC20
IC44
IC21
IC45
IC22
IC46
IC23
IC47
IC24
IC48
BX1473
C503 0.01
C504 0.01
C502 47 16V
C505 47 16V
C501 47 16V
IC52 TL592BP
D521 HZ6C3L
C523 0.01
C521 47 16V
C526 0.1
R522 20k
C527 0.1
R523 20k
D522 HZ6C3L
C524 0.01
C522 47 16V
RY2 (12V)
D2
Q2 DTA114EF
IC53 (4)
+12V

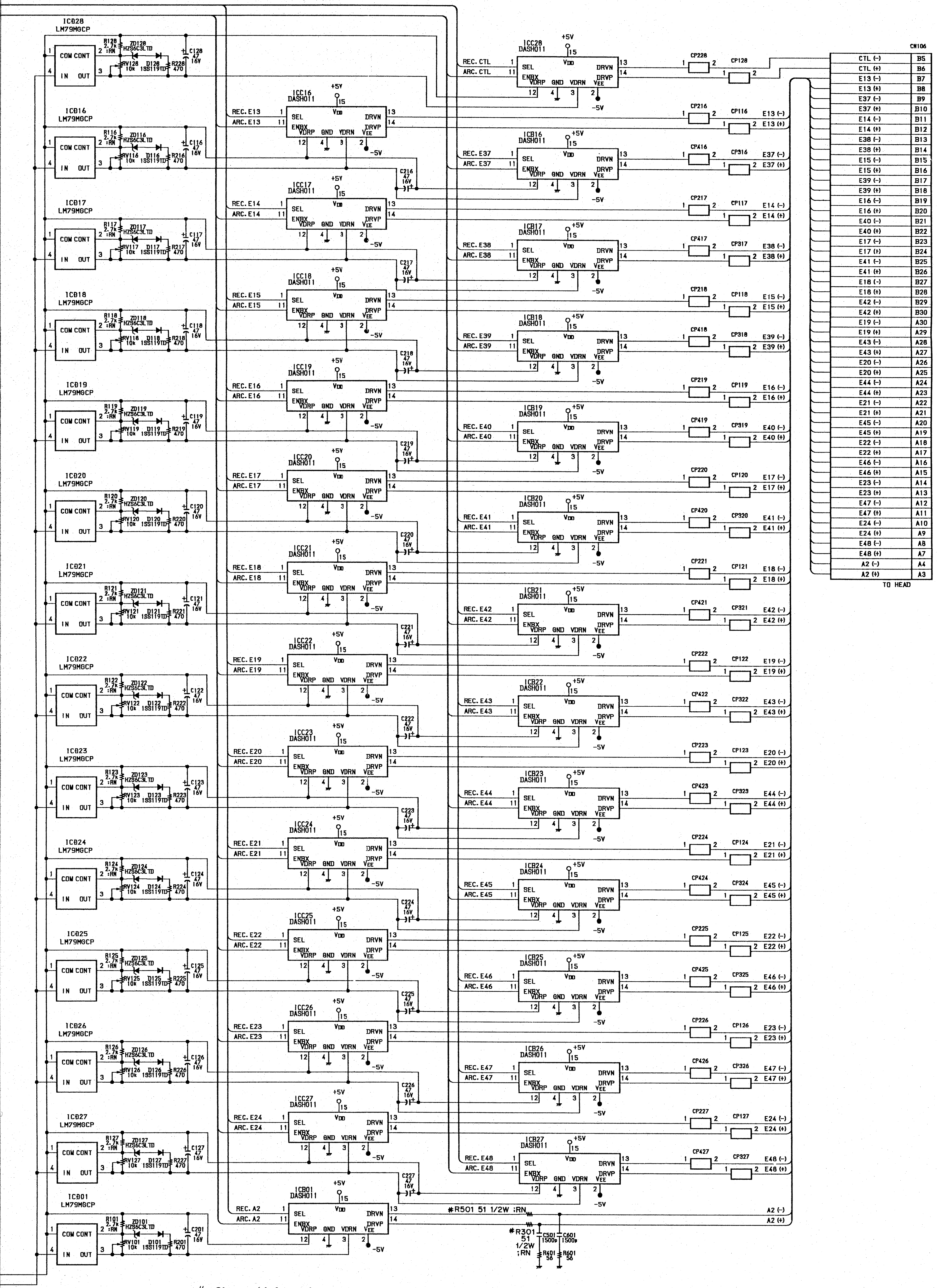

C506 0.1
C507 0.1
+12V 1
GND 2
-12V 3
CN114
R501 220 TP50
R131 220 TP13
R371 220 TP37
R141 220 TP14
R381 220 TP38
R151 220 TP15
R391 220 TP39
R161 220 TP16
R401 220 TP40
R171 220 TP17
R411 220 TP41
R181 220 TP18
R421 220 TP42
R191 220 TP19
R431 220 TP43
R201 220 TP20
R441 220 TP44
R211 220 TP21
R451 220 TP45
R221 220 TP22
R461 220 TP46
R231 220 TP23
R471 220 TP47
R241 220 TP24
R481 220 TP48
TP52 R521 220
PRE-CTL 30A
RG-PRE-CTL 30B
D25CH13 29A
RG-D25CH13 29B
D26CH37 28A
RG-D26CH37 28B
D27CH14 27A
RG-D27CH14 27B
D28CH38 26A
RG-D28CH38 26B
D29CH15 25A
RG-D29CH15 25B
D30CH39 24A
RG-D30CH39 24B
D31CH16 23A
RG-D31CH16 23B
D32CH40 22A
RG-D32CH40 22B
D33CH17 21A
RG-D33CH17 21B
D34CH41 20A
RG-D34CH41 20B
D35CH18 19A
RG-D35CH18 19B
D36CH42 13A
RG-D36CH42 13B
D37CH19 12A
RG-D37CH19 12B
D38CH43 11A
RG-D38CH43 11B
D39CH20 10A
RG-D39CH20 10B
D40CH44 9A
RG-D40CH44 9B
D41CH21 8A
RG-D41CH21 8B
D42CH45 7A
RG-D42CH45 7B
D43CH22 6A
RG-D43CH22 6B
D44CH46 5A
RG-D44CH46 5B
D45CH23 4A
RG-D45CH23 4B
D46CH47 3A
RG-D46CH47 3B
D47CH24 2A
RG-D47CH24 2B
D48CH48 1A
RG-D48CH48 1B
APB2 17A
RG-APB2 17B
BIASPB2 (+) 15A
BIASPB2 (-) 15B
R526 150
+12V
R525 27k
IC62 μPC814C
IC62 μPC814C
R524 27k
R527 150
-12V
Y
R547 1M
C542 6800p
R546 150k
R544 1k
C545 0.1
IC56 M5238P
R548 100
C543 0.1
R545 27k
C544 1
IC56 M5238P
C548 0.1
R549 470k
R552 20k
IC57 M5238P
C550 0.1
C546 47 16V
TP54
+12V
R550 56
C549 0.1
R553 1k
R556 6.8k
R551 6.8k
R555 1k
IC57 M5238P
R554 56
C547 47 16V
-12V

Pre Amplifier

PRE-1 BOARD (2/2)

BOARD NO.1-627-123-11 & HIGHER
PCM-3348


1/3 REC SEL
1/3 AD. REC CONTROL
CN101
4 +V
5 -V
IC802 LM79MGCP
COM CONT
IN OUT
R102 2.7k ;RN
ZD102 HZS6C3LTD
RV102 10k
D102 1SS119TD
R202 470
C202 47 16V
IC804 LM79MGCP
R104 2.7k ;RN ZD104 HZS6C3LTD RV104 10k D104 1SS119TD R204 470 C104 47 16V
IC805 LM79MGCP
R105 2.7k ;RN ZD105 HZS6C3LTD RV105 10k D105 1SS119TD R205 470 C105 47 16V
IC806 LM79MGCP
R106 2.7k ;RN ZD106 HZS6C3LTD RV106 10k D106 1SS119TD R206 470 C106 47 16V
IC807 LM79MGCP
R107 2.7k ;RN ZD107 HZS6C3LTD RV107 10k D107 1SS119TD R207 470 C107 47 16V
IC808 LM79MGCP
R108 2.7k ;RN ZD108 HZS6C3LTD RV108 10k D108 1SS119TD R208 470 C108 47 16V
IC809 LM79MGCP
R109 2.7k ;RN ZD109 HZS6C3LTD RV109 10k D109 1SS119TD R209 470 C109 47 16V
IC810 LM79MGCP
R110 2.7k ;RN ZD110 HZS6C3LTD RV110 10k D110 1SS119TD R210 470 C110 47 16V
IC811 LM79MGCP
R111 2.7k ;RN ZD111 HZS6C3LTD RV111 10k D111 1SS119TD R211 470 C111 47 16V
IC812 LM79MGCP
R112 2.7k ;RN ZD112 HZS6C3LTD RV112 10k D112 1SS119TD R212 470 C112 47 16V
IC813 LM79MGCP
R113 2.7k ;RN ZD113 HZS6C3LTD RV113 10k D113 1SS119TD R213 470 C113 47 16V
IC814 LM79MGCP
R114 2.7k ;RN ZD114 HZS6C3LTD RV114 10k D114 1SS119TD R214 470 C114 47 16V
IC815 LM79MGCP
R115 2.7k ;RN ZD115 HZS6C3LTD RV115 10k D115 1SS119TD R215 470 C115 47 16V
IC803 LM79MGCP
R103 2.7k ;RN ZD103 HZS6C3LTD RV103 10k D103 1SS119TD R203 470 C203 47 16V
+5V
SEL
VDD
DRVN
ENBX
DRVP
VDRP GND VDRN VEE
-5V
ICC04 DASH011 REC. E25 ARC. E25 C204 47 16V
ICC05 DASH011 REC. E26 ARC. E26 C205 47 16V
ICC06 DASH011 REC. E27 ARC. E27 C206 47 16V
ICC07 DASH011 REC. E28 ARC. E28 C207 47 16V
ICC08 DASH011 REC. E29 ARC. E29 C208 47 16V
ICC09 DASH011 REC. E30 ARC. E30 C209 47 16V
ICC10 DASH011 REC. E31 ARC. E31 C210 47 16V
ICC11 DASH011 REC. E32 ARC. E32 C211 47 16V
ICC12 DASH011 REC. E33 ARC. E33 C212 47 16V
ICC13 DASH011 REC. E34 ARC. E34 C213 47 16V
ICC14 DASH011 REC. E35 ARC. E35 C214 47 16V
ICC15 DASH011 REC. E36 ARC. E36 C215 47 16V
IC803 DASH011 REC. TC ARC. TC
ICB02 DASH011 REC. A1 ARC. A1
ICB04 DASH011 REC. E1 ARC. E1
ICB05 DASH011 REC. E2 ARC. E2
ICB06 DASH011 REC. E3 ARC. E3
ICB07 DASH011 REC. E4 ARC. E4
ICB08 DASH011 REC. E5 ARC. E5
ICB09 DASH011 REC. E6 ARC. E6
ICB10 DASH011 REC. E7 ARC. E7
ICB11 DASH011 REC. E8 ARC. E8
ICB12 DASH011 REC. E9 ARC. E9
ICB13 DASH011 REC. E10 ARC. E10
ICB14 DASH011 REC. E11 ARC. E11
ICB15 DASH011 REC. E12 ARC. E12
#R502 51 1/2W ;RN
#R302 51 1/2W ;RN
C502 1500p C602 1500p
R402 56 R602 56
#R503 51 1/2W ;RN
#R303 51 1/2W ;RN
C503 1500p C603 1500p
R403 56 R603 56
CP204 CP104 E25 (-) E25 (+)
CP404 CP304 E1 (-) E1 (+)
CP205 CP105 E26 (-) E26 (+)
CP405 CP305 E2 (-) E2 (+)
CP206 CP106 E27 (-) E27 (+)
CP406 CP306 E3 (-) E3 (+)
CP207 CP107 E28 (-) E28 (+)
CP407 CP307 E4 (-) E4 (+)
CP208 CP108 E29 (-) E29 (+)
CP408 CP308 E5 (-) E5 (+)
CP209 CP109 E30 (-) E30 (+)
CP409 CP309 E6 (-) E6 (+)
CP210 CP110 E31 (-) E31 (+)
CP410 CP310 E7 (-) E7 (+)
CP211 CP111 E32 (-) E32 (+)
CP411 CP311 E8 (-) E8 (+)
CP212 CP112 E33 (-) E33 (+)
CP412 CP312 E9 (-) E9 (+)
CP213 CP113 E34 (-) E34 (+)
CP413 CP313 E10 (-) E10 (+)
CP214 CP114 E35 (-) E35 (+)
CP414 CP314 E11 (-) E11 (+)
CP215 CP115 E36 (-) E36 (+)
CP415 CP315 E12 (-) E12 (+)
TC (-) TC (+)
*CP RN 56 1500P 56
CN105
A1 (-) A30
A1 (+) A29
E25 (-) A26
E25 (+) A25
E1 (-) A24
E1 (+) A23
E26 (-) A22
E26 (+) A21
E2 (-) A20
E2 (+) A19
E27 (-) A18
E27 (+) A17
E3 (-) A16
E3 (+) A15
E28 (-) A14
E28 (+) A13
E4 (-) A12
E4 (+) A11
E29 (-) A10
E29 (+) A9
E5 (-) A8
E5 (+) A7
E30 (-) A6
E30 (+) A5
E6 (-) A4
E6 (+) A3
E31 (-) A2
E31 (+) A1
E7 (-) B1
E7 (+) B2
E32 (-) B3
E32 (+) B4
E8 (-) B5
E8 (+) B6
E33 (-) B7
E33 (+) B8
E9 (-) B9
E9 (+) B10
E34 (-) B11
E34 (+) B12
E10 (-) B13
E10 (+) B14
E35 (-) B15
E35 (+) B16
E11 (-) B17
E11 (+) B18
E36 (-) B19
E36 (+) B20
E12 (-) B21
E12 (+) B22
TC (-) B23
TC (+) B24
TO HEAD



IC028 LM79M6CP
IC016 LM79M6CP
IC017 LM79M6CP
IC018 LM79M6CP
IC019 LM79M6CP
IC020 LM79M6CP
IC021 LM79M6CP
IC022 LM79M6CP
IC023 LM79M6CP
IC024 LM79M6CP
IC025 LM79M6CP
IC026 LM79M6CP
IC027 LM79M6CP
IC001 LM79M6CP
COM CONT
IN OUT
R128 2.7k :RN
ZD128 HZS6C3LTD
RV128 10k
D128 1SS119TD
R228 470
C128 47 16V
ICC28 DASH011
ICC16 DASH011
ICC17 DASH011
ICC18 DASH011
ICC19 DASH011
ICC20 DASH011
ICC21 DASH011
ICC22 DASH011
ICC23 DASH011
ICC24 DASH011
ICC25 DASH011
ICC26 DASH011
ICC27 DASH011
ICB01 DASH011
ICB16 DASH011
ICB17 DASH011
ICB18 DASH011
ICB19 DASH011
ICB20 DASH011
ICB21 DASH011
ICB22 DASH011
ICB23 DASH011
ICB24 DASH011
ICB25 DASH011
ICB26 DASH011
ICB27 DASH011
SEL
ENBX
VDD
DRVN
DRVP
VDRP GND VDRN VEE
+5V
-5V
REC. CTL
ARC. CTL
REC. E13
ARC. E13
REC. A2
ARC. A2
C216 47 16V
CP228
CP128
CP216
CP116
CP416
CP316
#R501 51 1/2W :RN
#R301 51 1/2W :RN
C501 1500p
C601 1500p
R401 56
R601 56
CN106
CTL (-) B5
CTL (+) B6
E13 (-) B7
E13 (+) B8
E37 (-) B9
E37 (+) B10
E14 (-) B11
E14 (+) B12
E38 (-) B13
E38 (+) B14
E15 (-) B15
E15 (+) B16
E39 (-) B17
E39 (+) B18
E16 (-) B19
E16 (+) B20
E40 (-) B21
E40 (+) B22
E17 (-) B23
E17 (+) B24
E41 (-) B25
E41 (+) B26
E18 (-) B27
E18 (+) B28
E42 (-) B29
E42 (+) B30
E19 (-) A30
E19 (+) A29
E43 (-) A28
E43 (+) A27
E20 (-) A26
E20 (+) A25
E44 (-) A24
E44 (+) A23
E21 (-) A22
E21 (+) A21
E45 (-) A20
E45 (+) A19
E22 (-) A18
E22 (+) A17
E46 (-) A16
E46 (+) A15
E23 (-) A14
E23 (+) A13
E47 (-) A12
E47 (+) A11
E24 (-) A10
E24 (+) A9
E48 (-) A8
E48 (+) A7
A2 (-) A4
A2 (+) A3
TO HEAD

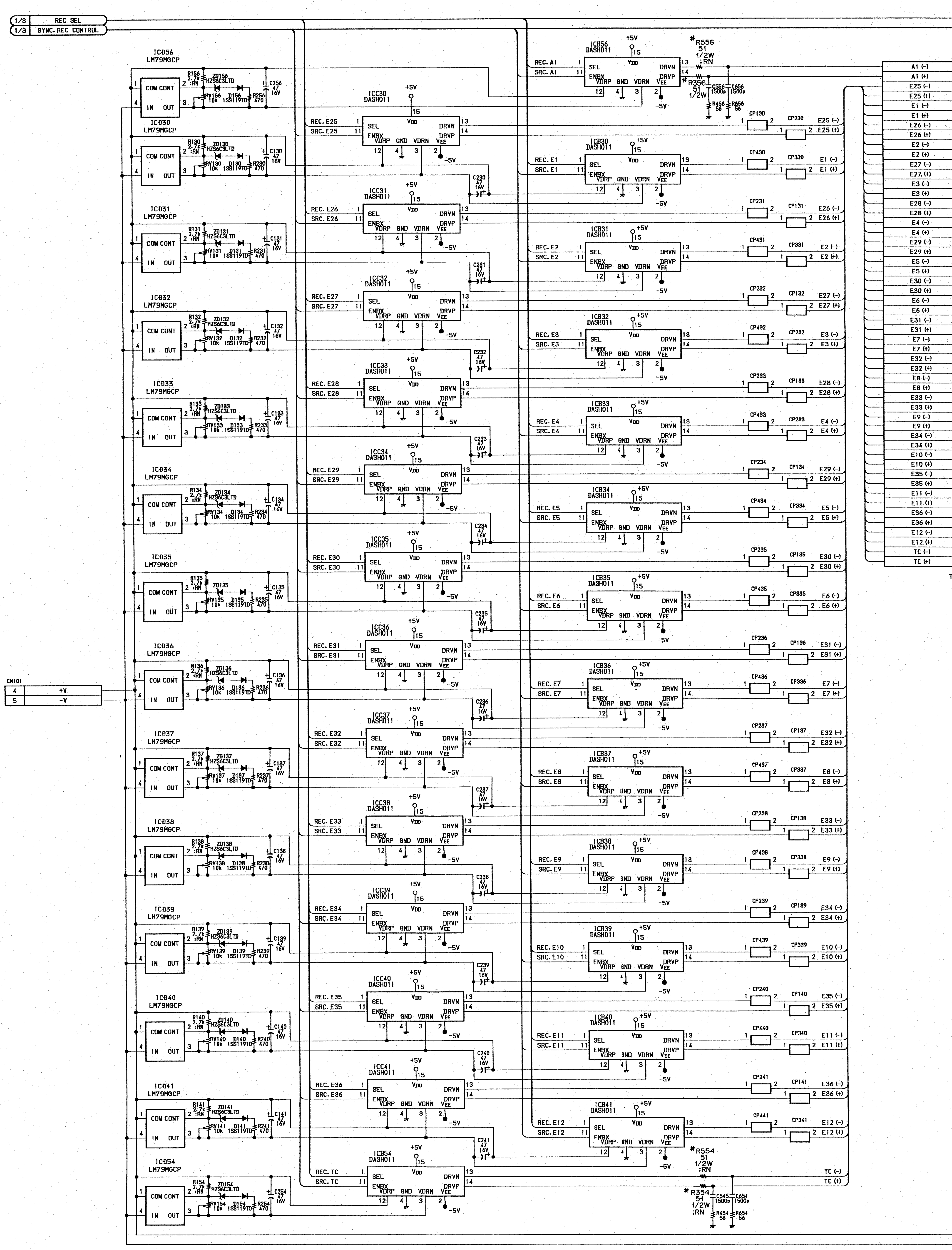
#: Changed Information

Applied Serial No.	Parts that have been changed
10508, 10617 10701 and higher	R301, R302, R303 R501, R502, R503 56 Ω → 51 Ω

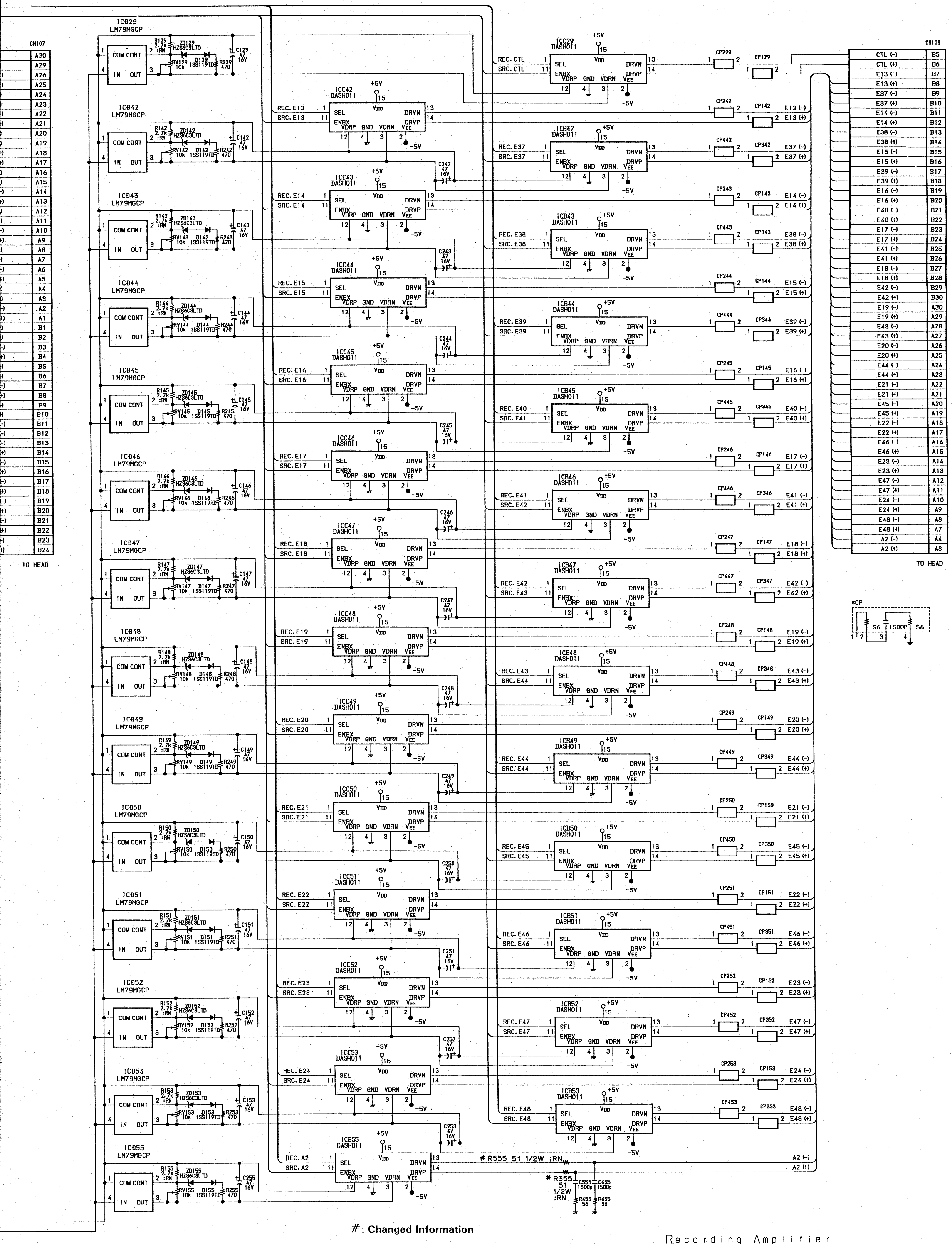
Recording Amplifier

REC-5 BOARD (2/3)

BOARD NO. 1-627-121-11 & HIGHER
PCM-3348



1/3 REC SEL
1/3 SYNC. REC CONTROL
CN101
4 +V
5 -V
IC056 LM79MGCP
IC030 LM79MGCP
IC031 LM79MGCP
IC032 LM79MGCP
IC033 LM79MGCP
IC034 LM79MGCP
IC035 LM79MGCP
IC036 LM79MGCP
IC037 LM79MGCP
IC038 LM79MGCP
IC039 LM79MGCP
IC040 LM79MGCP
IC041 LM79MGCP
IC054 LM79MGCP
COM CONT
IN OUT
R156 2.7k :RN
ZD156 HZS6C3LTD
RV156 10k
D156 1SS119TD
R256 470
C256 47 16V
ICC30 DASH011
ICC31 DASH011
ICC32 DASH011
ICC33 DASH011
ICC34 DASH011
ICC35 DASH011
ICC36 DASH011
ICC37 DASH011
ICC38 DASH011
ICC39 DASH011
ICC40 DASH011
ICC41 DASH011
ICB54 DASH011
ICB56 DASH011
ICB30 DASH011
ICB31 DASH011
ICB32 DASH011
ICB33 DASH011
ICB34 DASH011
ICB35 DASH011
ICB36 DASH011
ICB37 DASH011
ICB38 DASH011
ICB39 DASH011
ICB40 DASH011
ICB41 DASH011
SEL
VDD
DRVN
DRVP
ENBX
VDRP GND VDRN VEE
+5V
-5V
REC. A1
SRC. A1
REC. E25
SRC. E25
REC. E1
SRC. E1
REC. E26
SRC. E26
REC. E2
SRC. E2
REC. E27
SRC. E27
REC. E3
SRC. E3
REC. E28
SRC. E28
REC. E4
SRC. E4
REC. E29
SRC. E29
REC. E5
SRC. E5
REC. E30
SRC. E30
REC. E6
SRC. E6
REC. E31
SRC. E31
REC. E7
SRC. E7
REC. E32
SRC. E32
REC. E8
SRC. E8
REC. E33
SRC. E33
REC. E9
SRC. E9
REC. E34
SRC. E34
REC. E10
SRC. E10
REC. E35
SRC. E35
REC. E11
SRC. E11
REC. E36
SRC. E36
REC. E12
SRC. E12
REC. TC
SRC. TC
#R556 51 1/2W :RN
#R356 51 1/2W
C556 1500p
C656 1500p
R456 56
R656 56
#R554 51 1/2W :RN
#R354 51 1/2W :RN
C545 1500p
C654 1500p
R454 56
R654 56
C230 47 16V
CP130
CP230
CP430
CP330
CP231
CP131
E25 (-)
E25 (+)
E1 (-)
E1 (+)
E26 (-)
E26 (+)
E2 (-)
E2 (+)
E27 (-)
E27 (+)
E3 (-)
E3 (+)
E28 (-)
E28 (+)
E4 (-)
E4 (+)
E29 (-)
E29 (+)
E5 (-)
E5 (+)
E30 (-)
E30 (+)
E6 (-)
E6 (+)
E31 (-)
E31 (+)
E7 (-)
E7 (+)
E32 (-)
E32 (+)
E8 (-)
E8 (+)
E33 (-)
E33 (+)
E9 (-)
E9 (+)
E34 (-)
E34 (+)
E10 (-)
E10 (+)
E35 (-)
E35 (+)
E11 (-)
E11 (+)
E36 (-)
E36 (+)
E12 (-)
E12 (+)
TC (-)
TC (+)
A1 (-)
A1 (+)


CN107
A30
A29
A26
A25
A24
A23
A22
A21
A20
A19
A18
A17
A16
A15
A14
A13
A12
A11
A10
A9
A8
A7
A6
A5
A4
A3
A2
A1
B1
B2
B3
B4
B5
B6
B7
B8
B9
B10
B11
B12
B13
B14
B15
B16
B17
B18
B19
B20
B21
B22
B23
B24
TO HEAD
IC029 LM79MGCP
IC042 LM79MGCP
IC043 LM79MGCP
IC044 LM79MGCP
IC045 LM79MGCP
IC046 LM79MGCP
IC047 LM79MGCP
IC048 LM79MGCP
IC049 LM79MGCP
IC050 LM79MGCP
IC051 LM79MGCP
IC052 LM79MGCP
IC053 LM79MGCP
IC055 LM79MGCP
COM CONT
IN OUT
R129 2.7k :RN
ZD129 HZS6C3LTD
RV129 10k
D129 1SS119TD
R229 470
C129 47 16V
ICC29 DASH011
ICC42 DASH011
ICC43 DASH011
ICC44 DASH011
ICC45 DASH011
ICC46 DASH011
ICC47 DASH011
ICC48 DASH011
ICC49 DASH011
ICC50 DASH011
ICC51 DASH011
ICC52 DASH011
ICC53 DASH011
ICB42 DASH011
ICB43 DASH011
ICB44 DASH011
ICB45 DASH011
ICB46 DASH011
ICB47 DASH011
ICB48 DASH011
ICB49 DASH011
ICB50 DASH011
ICB51 DASH011
ICB52 DASH011
ICB53 DASH011
ICB55 DASH011
SEL
VDD
DRVN
DRVP
ENBX
VDRP
GND
VDRN
VEE
+5V
-5V
REC. CTL
SRC. CTL
REC. E13
SRC. E13
REC. E37
SRC. E37
REC. E14
SRC. E14
REC. E38
SRC. E38
REC. E15
SRC. E15
REC. E39
SRC. E39
REC. E16
SRC. E16
REC. E40
SRC. E41
REC. E17
SRC. E17
REC. E41
SRC. E42
REC. E18
SRC. E18
REC. E42
SRC. E43
REC. E19
SRC. E19
REC. E43
SRC. E44
REC. E20
SRC. E20
REC. E44
SRC. E44
REC. E21
SRC. E21
REC. E45
SRC. E45
REC. E22
SRC. E22
REC. E46
SRC. E46
REC. E23
SRC. E23
REC. E47
SRC. E47
REC. E24
SRC. E24
REC. E48
SRC. E48
REC. A2
SRC. A2
C242 47 16V
CP229
CP129
CP242
CP142
CP442
CP342
# R555 51 1/2W ;RN
# R355 51 1/2W ;RN
C555 1500p
C655 1500p
R455 56
R655 56
A2 (-)
A2 (+)
CN108
CTL (-) B5
CTL (+) B6
E13 (-) B7
E13 (+) B8
E37 (-) B9
E37 (+) B10
E14 (-) B11
E14 (+) B12
E38 (-) B13
E38 (+) B14
E15 (-) B15
E15 (+) B16
E39 (-) B17
E39 (+) B18
E16 (-) B19
E16 (+) B20
E40 (-) B21
E40 (+) B22
E17 (-) B23
E17 (+) B24
E41 (-) B25
E41 (+) B26
E18 (-) B27
E18 (+) B28
E42 (-) B29
E42 (+) B30
E19 (-) A30
E19 (+) A29
E43 (-) A28
E43 (+) A27
E20 (-) A26
E20 (+) A25
E44 (-) A24
E44 (+) A23
E21 (-) A22
E21 (+) A21
E45 (-) A20
E45 (+) A19
E22 (-) A18
E22 (+) A17
E46 (-) A16
E46 (+) A15
E23 (-) A14
E23 (+) A13
E47 (-) A12
E47 (+) A11
E24 (-) A10
E24 (+) A9
E48 (-) A8
E48 (+) A7
A2 (-) A4
A2 (+) A3
TO HEAD
*CP
56
1500P
56

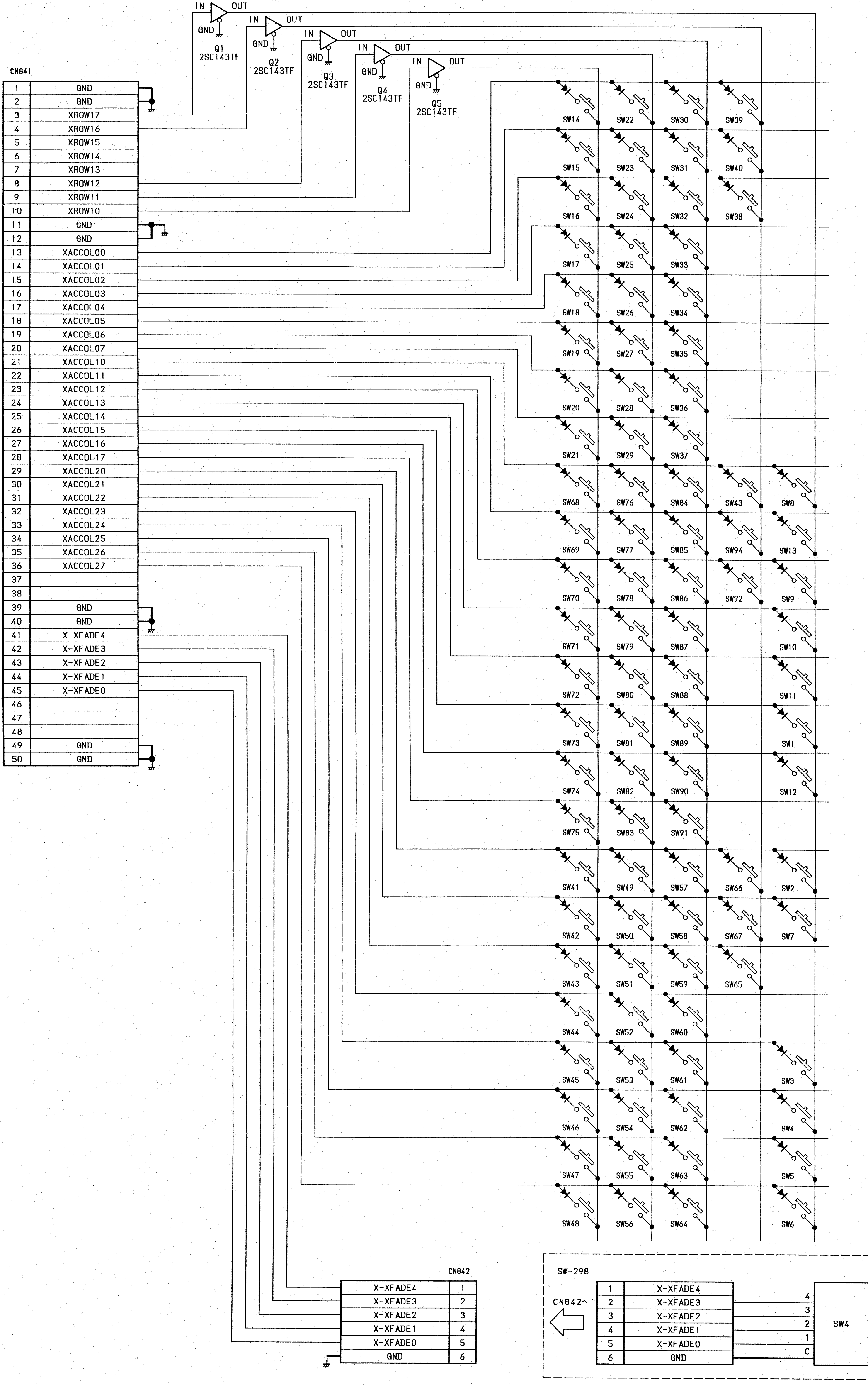
#: Changed Information

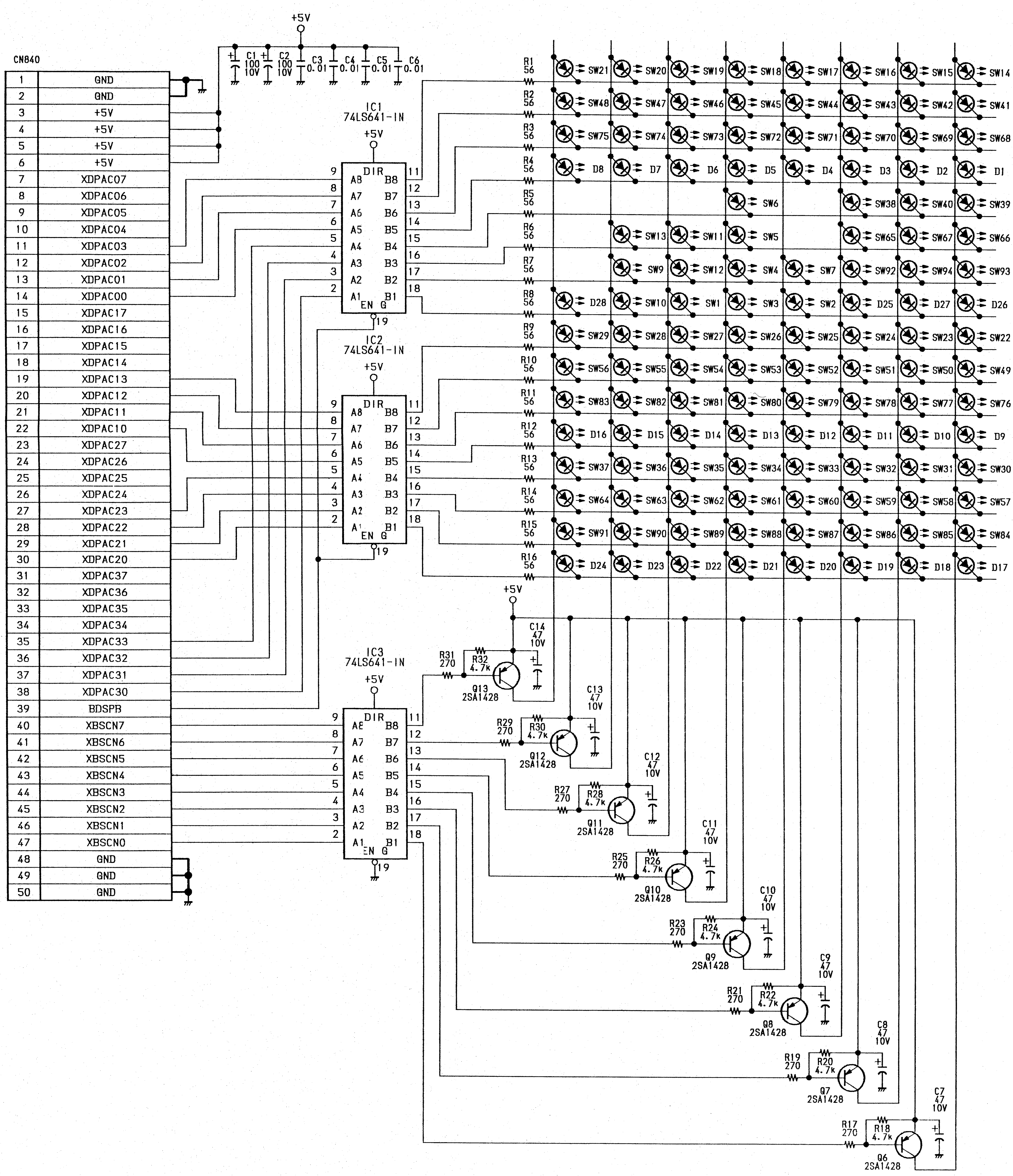
Applied Serial No.	Parts that have been changed
10508, 10617 10701 and higher	R354, R355, R356 R554, R555, R556 56 Ω → 51 Ω

Recording Amplifier

REC-5 BOARD (3/3)

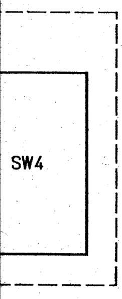
BOARD NO. 1-627-121-11 & HIGHER
PCM-3348


CN841
1 GND
2 GND
3 XROW17
4 XROW16
5 XROW15
6 XROW14
7 XROW13
8 XROW12
9 XROW11
10 XROW10
11 GND
12 GND
13 XACCOL00
14 XACCOL01
15 XACCOL02
16 XACCOL03
17 XACCOL04
18 XACCOL05
19 XACCOL06
20 XACCOL07
21 XACCOL10
22 XACCOL11
23 XACCOL12
24 XACCOL13
25 XACCOL14
26 XACCOL15
27 XACCOL16
28 XACCOL17
29 XACCOL20
30 XACCOL21
31 XACCOL22
32 XACCOL23
33 XACCOL24
34 XACCOL25
35 XACCOL26
36 XACCOL27
37
38
39 GND
40 GND
41 X-XFADE4
42 X-XFADE3
43 X-XFADE2
44 X-XFADE1
45 X-XFADE0
46
47
48
49 GND
50 GND
IN OUT GND Q1 2SC143TF
IN OUT GND Q2 2SC143TF
IN OUT GND Q3 2SC143TF
IN OUT GND Q4 2SC143TF
IN OUT GND Q5 2SC143TF
SW14 SW22 SW30 SW39
SW15 SW23 SW31 SW40
SW16 SW24 SW32 SW38
SW17 SW25 SW33
SW18 SW26 SW34
SW19 SW27 SW35
SW20 SW28 SW36
SW21 SW29 SW37
SW68 SW76 SW84 SW43 SW8
SW69 SW77 SW85 SW94 SW13
SW70 SW78 SW86 SW92 SW9
SW71 SW79 SW87 SW10
SW72 SW80 SW88 SW11
SW73 SW81 SW89 SW1
SW74 SW82 SW90 SW12
SW75 SW83 SW91
SW41 SW49 SW57 SW66 SW2
SW42 SW50 SW58 SW67 SW7
SW43 SW51 SW59 SW65
SW44 SW52 SW60
SW45 SW53 SW61 SW3
SW46 SW54 SW62 SW4
SW47 SW55 SW63 SW5
SW48 SW56 SW64 SW6
CN842
X-XFADE4 1
X-XFADE3 2
X-XFADE2 3
X-XFADE1 4
X-XFADE0 5
GND 6
SW-298
CN842
1 X-XFADE4
2 X-XFADE3
3 X-XFADE2
4 X-XFADE1
5 X-XFADE0
6 GND
4
3
2
1
C
SW4


+5V
CN840
1 GND
2 GND
3 +5V
4 +5V
5 +5V
6 +5V
7 XDPAC07
8 XDPAC06
9 XDPAC05
10 XDPAC04
11 XDPAC03
12 XDPAC02
13 XDPAC01
14 XDPAC00
15 XDPAC17
16 XDPAC16
17 XDPAC15
18 XDPAC14
19 XDPAC13
20 XDPAC12
21 XDPAC11
22 XDPAC10
23 XDPAC27
24 XDPAC26
25 XDPAC25
26 XDPAC24
27 XDPAC23
28 XDPAC22
29 XDPAC21
30 XDPAC20
31 XDPAC37
32 XDPAC36
33 XDPAC35
34 XDPAC34
35 XDPAC33
36 XDPAC32
37 XDPAC31
38 XDPAC30
39 BDSPB
40 XBSCN7
41 XBSCN6
42 XBSCN5
43 XBSCN4
44 XBSCN3
45 XBSCN2
46 XBSCN1
47 XBSCN0
48 GND
49 GND
50 GND
C1 100 10V
C2 100 10V
C3 0.01
C4 0.01
C5 0.01
C6 0.01
IC1 74LS641-IN
IC2 74LS641-IN
IC3 74LS641-IN
DIR
A8 A7 A6 A5 A4 A3 A2 A1
B8 B7 B6 B5 B4 B3 B2 B1
EN G
R1 56
R2 56
R3 56
R4 56
R5 56
R6 56
R7 56
R8 56
R9 56
R10 56
R11 56
R12 56
R13 56
R14 56
R15 56
R16 56
SW21 SW20 SW19 SW18 SW17 SW16 SW15 SW14
SW48 SW47 SW46 SW45 SW44 SW43 SW42 SW41
SW75 SW74 SW73 SW72 SW71 SW70 SW69 SW68
D8 D7 D6 D5 D4 D3 D2 D1
SW6 SW38 SW40 SW39
SW13 SW11 SW5 SW65 SW67 SW66
SW9 SW12 SW4 SW7 SW92 SW94 SW93
D28 SW10 SW1 SW3 SW2 D25 D27 D26
SW29 SW28 SW27 SW26 SW25 SW24 SW23 SW22
SW56 SW55 SW54 SW53 SW52 SW51 SW50 SW49
SW83 SW82 SW81 SW80 SW79 SW78 SW77 SW76
D16 D15 D14 D13 D12 D11 D10 D9
SW37 SW36 SW35 SW34 SW33 SW32 SW31 SW30
SW64 SW63 SW62 SW61 SW60 SW59 SW58 SW57
SW91 SW90 SW89 SW88 SW87 SW86 SW85 SW84
D24 D23 D22 D21 D20 D19 D18 D17
C14 47 10V
R31 270
R32 4.7k
Q13 2SA1428
C13 47 10V
R29 270
R30 4.7k
Q12 2SA1428
C12 47 10V
R27 270
R28 4.7k
Q11 2SA1428
C11 47 10V
R25 270
R26 4.7k
Q10 2SA1428
C10 47 10V
R23 270
R24 4.7k
Q9 2SA1428
C9 47 10V
R21 270
R22 4.7k
Q8 2SA1428
C8 47 10V
R19 270
R20 4.7k
Q7 2SA1428
C7 47 10V
R17 270
R18 4.7k
Q6 2SA1428

SW4回路表

位置＼No	C	1	2	3	4
1	○				
2	○	○			
3	○		○		
4	○	○	○		
5	○			○	
6	○	○		○	
7	○		○	○	
8	○	○	○	○	
9	○				○
10	○	○			○
11	○		○		○
12	○	○	○		○
13	○			○	○
14	○	○		○	○
15	○		○	○	○
16	○	○	○	○	○



Audio Switch

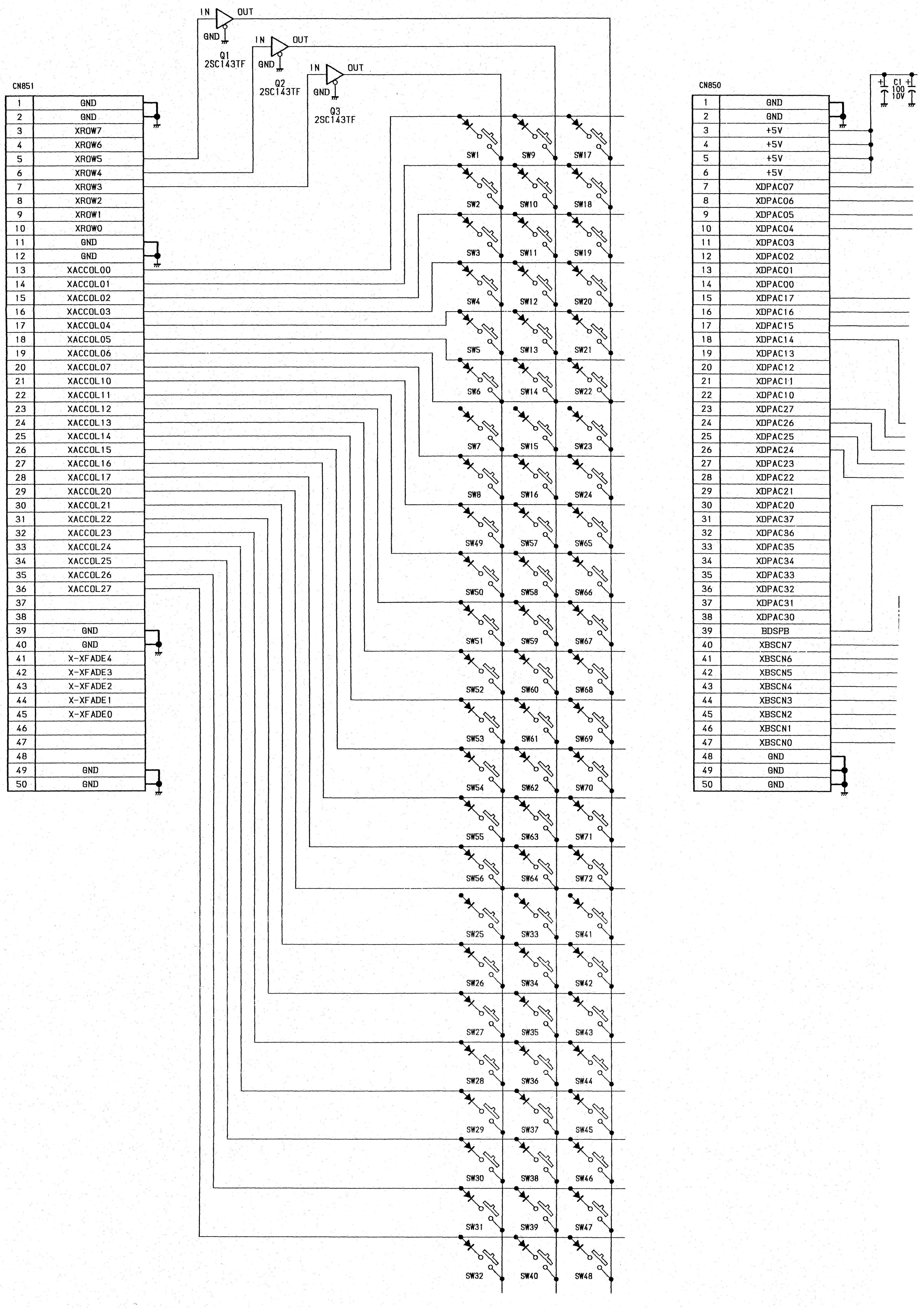
ASW-8 BOARD

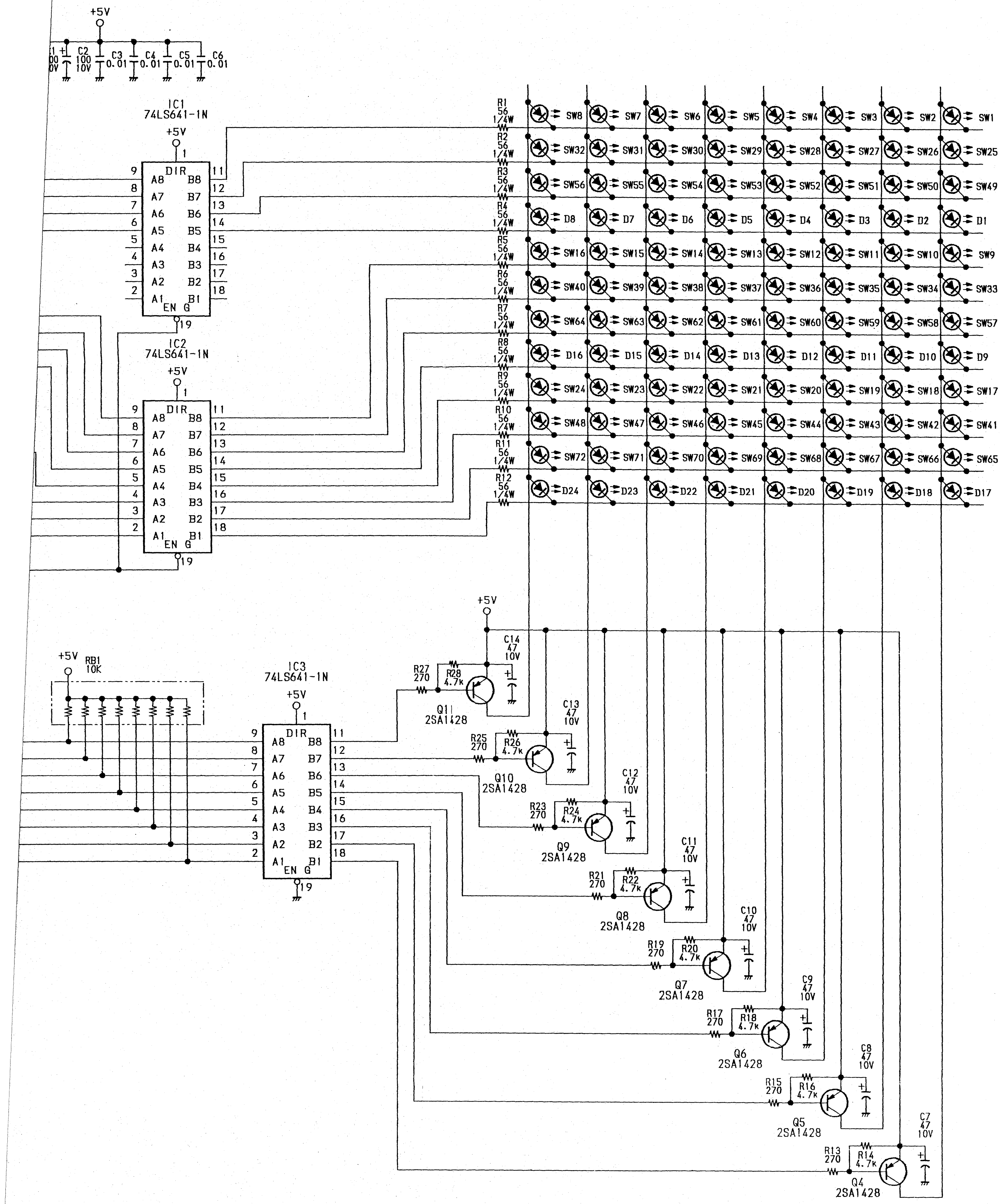
BOARD NO.1-627-129-11 & HIGHER
PCM-3348

Switch

SW-298 BOARD

BOARD NO.1-627-133-11 & HIGHER
PCM-3348

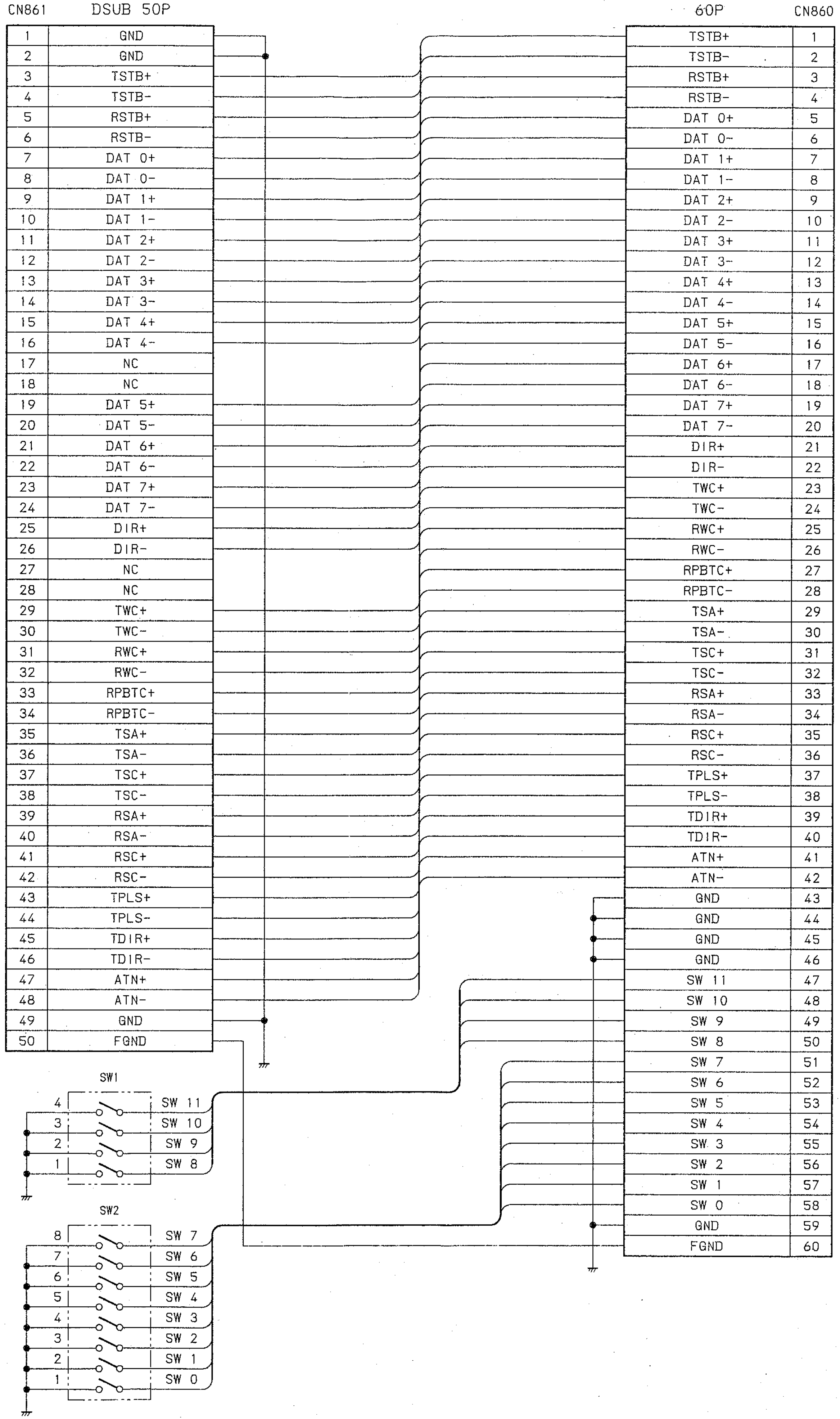

IN
OUT
GND
Q1
2SC143TF
IN
OUT
GND
Q2
2SC143TF
IN
OUT
GND
Q3
2SC143TF
CN851
1 GND
2 GND
3 XROW7
4 XROW6
5 XROW5
6 XROW4
7 XROW3
8 XROW2
9 XROW1
10 XROW0
11 GND
12 GND
13 XACCOL00
14 XACCOL01
15 XACCOL02
16 XACCOL03
17 XACCOL04
18 XACCOL05
19 XACCOL06
20 XACCOL07
21 XACCOL10
22 XACCOL11
23 XACCOL12
24 XACCOL13
25 XACCOL14
26 XACCOL15
27 XACCOL16
28 XACCOL17
29 XACCOL20
30 XACCOL21
31 XACCOL22
32 XACCOL23
33 XACCOL24
34 XACCOL25
35 XACCOL26
36 XACCOL27
37
38
39 GND
40 GND
41 X-XFADE4
42 X-XFADE3
43 X-XFADE2
44 X-XFADE1
45 X-XFADE0
46
47
48
49 GND
50 GND
SW1 SW9 SW17
SW2 SW10 SW18
SW3 SW11 SW19
SW4 SW12 SW20
SW5 SW13 SW21
SW6 SW14 SW22
SW7 SW15 SW23
SW8 SW16 SW24
SW49 SW57 SW65
SW50 SW58 SW66
SW51 SW59 SW67
SW52 SW60 SW68
SW53 SW61 SW69
SW54 SW62 SW70
SW55 SW63 SW71
SW56 SW64 SW72
SW25 SW33 SW41
SW26 SW34 SW42
SW27 SW35 SW43
SW28 SW36 SW44
SW29 SW37 SW45
SW30 SW38 SW46
SW31 SW39 SW47
SW32 SW40 SW48
CN850
1 GND
2 GND
3 +5V
4 +5V
5 +5V
6 +5V
7 XDPAC07
8 XDPAC06
9 XDPAC05
10 XDPAC04
11 XDPAC03
12 XDPAC02
13 XDPAC01
14 XDPAC00
15 XDPAC17
16 XDPAC16
17 XDPAC15
18 XDPAC14
19 XDPAC13
20 XDPAC12
21 XDPAC11
22 XDPAC10
23 XDPAC27
24 XDPAC26
25 XDPAC25
26 XDPAC24
27 XDPAC23
28 XDPAC22
29 XDPAC21
30 XDPAC20
31 XDPAC37
32 XDPAC36
33 XDPAC35
34 XDPAC34
35 XDPAC33
36 XDPAC32
37 XDPAC31
38 XDPAC30
39 BDSPB
40 XBSCN7
41 XBSCN6
42 XBSCN5
43 XBSCN4
44 XBSCN3
45 XBSCN2
46 XBSCN1
47 XBSCN0
48 GND
49 GND
50 GND
C1
100
10V


+5V
C2 100 10V
C3 0.01
C4 0.01
C5 0.01
C6 0.01
IC1 74LS641-1N
IC2 74LS641-1N
IC3 74LS641-1N
DIR
EN G
A1 A2 A3 A4 A5 A6 A7 A8
B1 B2 B3 B4 B5 B6 B7 B8
R1 56 1/4W
R2 56 1/4W
R3 56 1/4W
R4 56 1/4W
R5 56 1/4W
R6 56 1/4W
R7 56 1/4W
R8 56 1/4W
R9 56 1/4W
R10 56 1/4W
R11 56 1/4W
R12 56 1/4W
SW8 SW7 SW6 SW5 SW4 SW3 SW2 SW1
SW32 SW31 SW30 SW29 SW28 SW27 SW26 SW25
SW56 SW55 SW54 SW53 SW52 SW51 SW50 SW49
D8 D7 D6 D5 D4 D3 D2 D1
SW16 SW15 SW14 SW13 SW12 SW11 SW10 SW9
SW40 SW39 SW38 SW37 SW36 SW35 SW34 SW33
SW64 SW63 SW62 SW61 SW60 SW59 SW58 SW57
D16 D15 D14 D13 D12 D11 D10 D9
SW24 SW23 SW22 SW21 SW20 SW19 SW18 SW17
SW48 SW47 SW46 SW45 SW44 SW43 SW42 SW41
SW72 SW71 SW70 SW69 SW68 SW67 SW66 SW65
D24 D23 D22 D21 D20 D19 D18 D17
RB1 10K
R27 270
R28 4.7k
C14 47 10V
Q11 2SA1428
R25 270
R26 4.7k
C13 47 10V
Q10 2SA1428
R23 270
R24 4.7k
C12 47 10V
Q9 2SA1428
R21 270
R22 4.7k
C11 47 10V
Q8 2SA1428
R19 270
R20 4.7k
C10 47 10V
Q7 2SA1428
R17 270
R18 4.7k
C9 47 10V
Q6 2SA1428
R15 270
R16 4.7k
C8 47 10V
Q5 2SA1428
R13 270
R14 4.7k
C7 47 10V
Q4 2SA1428

Audio Switch

ASW-9 BOARD

BOARD NO. 1-627-130-11 & HIGHER
PCM-3348



CN861 DSUB 50P

1	GND
2	GND
3	TSTB+
4	TSTB-
5	RSTB+
6	RSTB-
7	DAT 0+
8	DAT 0-
9	DAT 1+
10	DAT 1-
11	DAT 2+
12	DAT 2-
13	DAT 3+
14	DAT 3-
15	DAT 4+
16	DAT 4-
17	NC
18	NC
19	DAT 5+
20	DAT 5-
21	DAT 6+
22	DAT 6-
23	DAT 7+
24	DAT 7-
25	DIR+
26	DIR-
27	NC
28	NC
29	TWC+
30	TWC-
31	RWC+
32	RWC-
33	RPBTC+
34	RPBTC-
35	TSA+
36	TSA-
37	TSC+
38	TSC-
39	RSA+
40	RSA-
41	RSC+
42	RSC-
43	TPLS+
44	TPLS-
45	TDIR+
46	TDIR-
47	ATN+
48	ATN-
49	GND
50	FGND

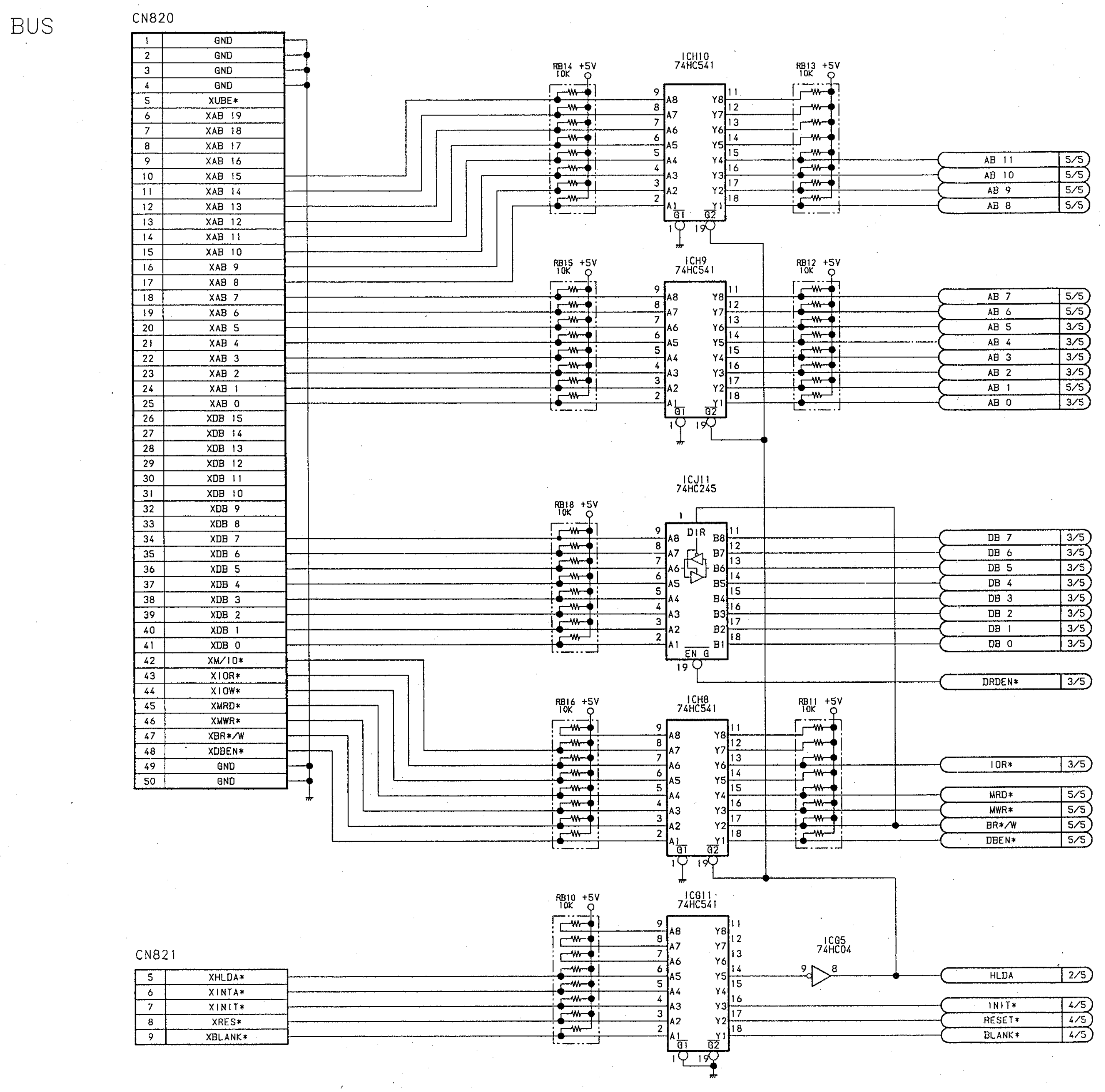
60P CN860

TSTB+	1
TSTB-	2
RSTB+	3
RSTB-	4
DAT 0+	5
DAT 0-	6
DAT 1+	7
DAT 1-	8
DAT 2+	9
DAT 2-	10
DAT 3+	11
DAT 3-	12
DAT 4+	13
DAT 4-	14
DAT 5+	15
DAT 5-	16
DAT 6+	17
DAT 6-	18
DAT 7+	19
DAT 7-	20
DIR+	21
DIR-	22
TWC+	23
TWC-	24
RWC+	25
RWC-	26
RPBTC+	27
RPBTC-	28
TSA+	29
TSA-	30
TSC+	31
TSC-	32
RSA+	33
RSA-	34
RSC+	35
RSC-	36
TPLS+	37
TPLS-	38
TDIR+	39
TDIR-	40
ATN+	41
ATN-	42
GND	43
GND	44
GND	45
GND	46
SW 11	47
SW 10	48
SW 9	49
SW 8	50
SW 7	51
SW 6	52
SW 5	53
SW 4	54
SW 3	55
SW 2	56
SW 1	57
SW 0	58
GND	59
FGND	60

Connector

CN-247 BOARD

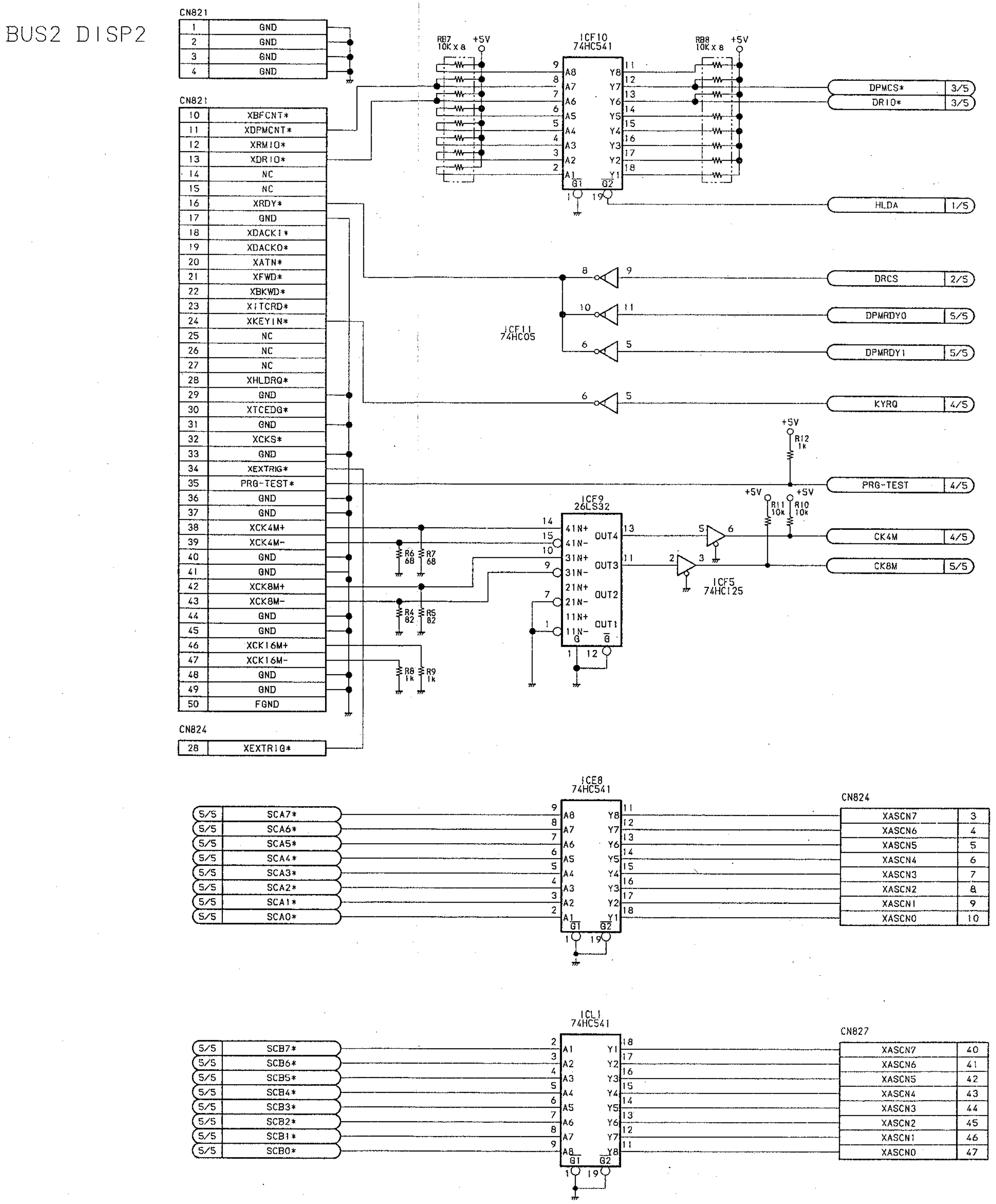
BOARD NO.1-627-128-11 & HIGHER
PCM-3348


BUS
CN820
1 GND
2 GND
3 GND
4 GND
5 XUBE*
6 XAB 19
7 XAB 18
8 XAB 17
9 XAB 16
10 XAB 15
11 XAB 14
12 XAB 13
13 XAB 12
14 XAB 11
15 XAB 10
16 XAB 9
17 XAB 8
18 XAB 7
19 XAB 6
20 XAB 5
21 XAB 4
22 XAB 3
23 XAB 2
24 XAB 1
25 XAB 0
26 XDB 15
27 XDB 14
28 XDB 13
29 XDB 12
30 XDB 11
31 XDB 10
32 XDB 9
33 XDB 8
34 XDB 7
35 XDB 6
36 XDB 5
37 XDB 4
38 XDB 3
39 XDB 2
40 XDB 1
41 XDB 0
42 XM/IO*
43 XIOR*
44 XIOW*
45 XMRD*
46 XMWR*
47 XBR*/W
48 XDBEN*
49 GND
50 GND
RB14 10K +5V
ICH10 74HC541
RB13 10K +5V
AB 11 5/5
AB 10 5/5
AB 9 5/5
AB 8 5/5
RB15 10K +5V
ICH9 74HC541
RB12 10K +5V
AB 7 5/5
AB 6 5/5
AB 5 3/5
AB 4 3/5
AB 3 3/5
AB 2 3/5
AB 1 5/5
AB 0 3/5
RB18 10K +5V
ICJ11 74HC245
DIR
EN G
DB 7 3/5
DB 6 3/5
DB 5 3/5
DB 4 3/5
DB 3 3/5
DB 2 3/5
DB 1 3/5
DB 0 3/5
DRDEN* 3/5
RB16 10K +5V
ICH8 74HC541
RB11 10K +5V
IOR* 3/5
MRD* 5/5
MWR* 5/5
BR*/W 5/5
DBEN* 5/5
RB10 10K +5V
ICG11 74HC541
ICG5 74HC04
CN821
5 XHLDA*
6 XINTA*
7 XINIT*
8 XRES*
9 XBLANK*
HLDA 2/5
INIT* 4/5
RESET* 4/5
BLANK* 4/5

Driver

DR-70 BOARD (1/5)

BOARD NO.1-627-127-11 & HIGHER
PCM-3348

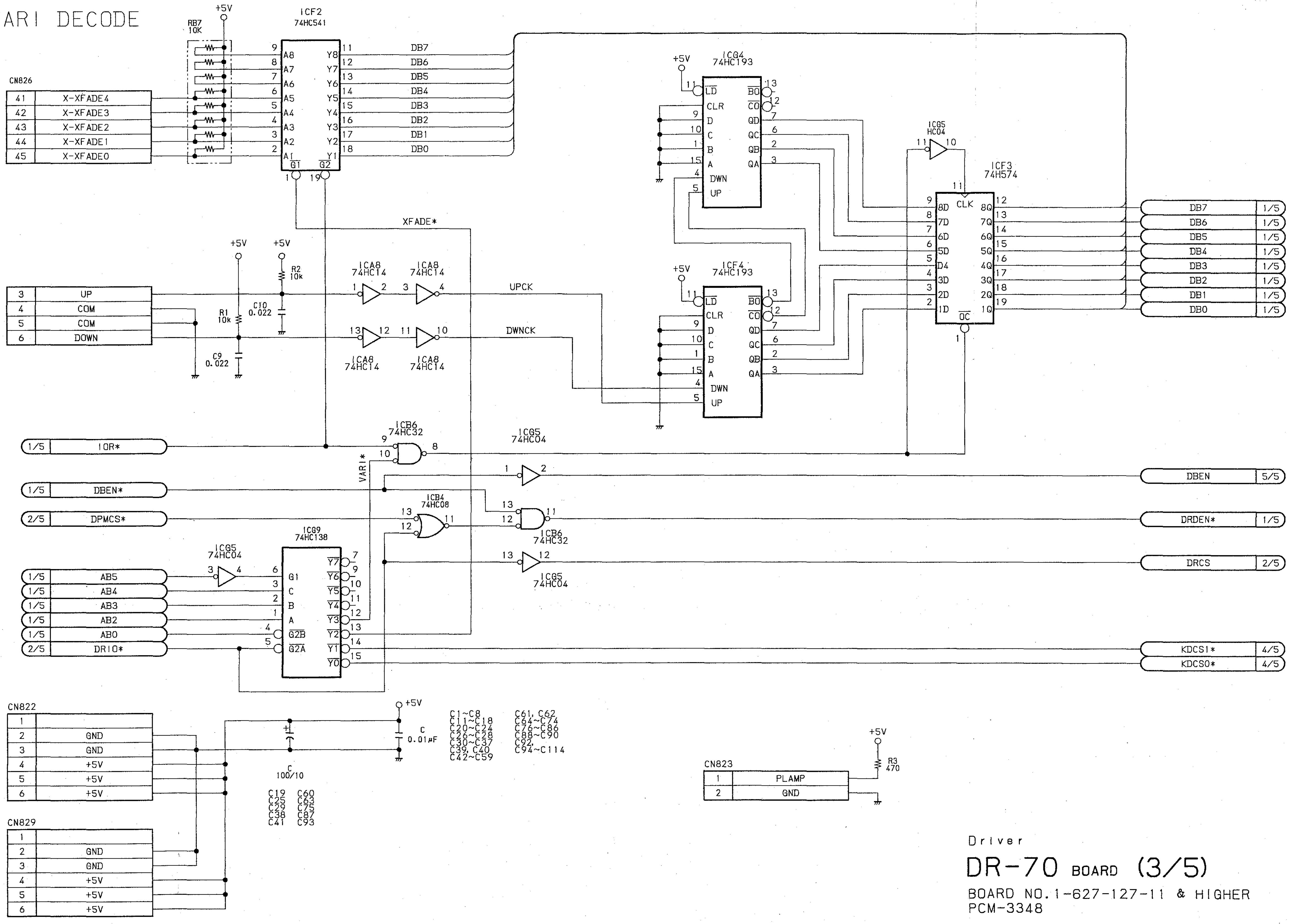

BUS2 DISP2
CN821
1 GND
2 GND
3 GND
4 GND
10 XBFCNT*
11 XDPMCNT*
12 XRMIO*
13 XDRIO*
14 NC
15 NC
16 XRDY*
17 GND
18 XDACK1*
19 XDACK0*
20 XATN*
21 XFWD*
22 XBKWD*
23 XITCRD*
24 XKEYIN*
25 NC
26 NC
27 NC
28 XHLDRQ*
29 GND
30 XTCEDG*
31 GND
32 XCKS*
33 GND
34 XEXTRIG*
35 PRG-TEST*
36 GND
37 GND
38 XCK4M+
39 XCK4M-
40 GND
41 GND
42 XCK8M+
43 XCK8M-
44 GND
45 GND
46 XCK16M+
47 XCK16M-
48 GND
49 GND
50 FGND
CN824
28 XEXTRIG*
RB7 10K x 8 +5V
ICF10 74HC541
RB8 10K x 8 +5V
DPMCS* 3/5
DRIO* 3/5
HLDA 1/5
ICF11 74HC05
DRCS 2/5
DPMRDY0 5/5
DPMRDY1 5/5
KYRQ 4/5
R12 1k
PRG-TEST 4/5
ICF9 26LS32
R11 10k
R10 10k
CK4M 4/5
CK8M 5/5
ICF5 74HC125
R6 68
R7 68
R4 82
R5 82
R8 1k
R9 1k
ICE8 74HC541
S/S SCA7*
S/S SCA6*
S/S SCA5*
S/S SCA4*
S/S SCA3*
S/S SCA2*
S/S SCA1*
S/S SCA0*
CN824
XASCN7 3
XASCN6 4
XASCN5 5
XASCN4 6
XASCN3 7
XASCN2 8
XASCN1 9
XASCN0 10
ICL1 74HC541
S/S SCB7*
S/S SCB6*
S/S SCB5*
S/S SCB4*
S/S SCB3*
S/S SCB2*
S/S SCB1*
S/S SCB0*
CN827
XASCN7 40
XASCN6 41
XASCN5 42
XASCN4 43
XASCN3 44
XASCN2 45
XASCN1 46
XASCN0 47

Driver

DR-70 BOARD (2/5)

BOARD NO.1-627-127-11 & HIGHER
PCM-3348

VARI DECODE

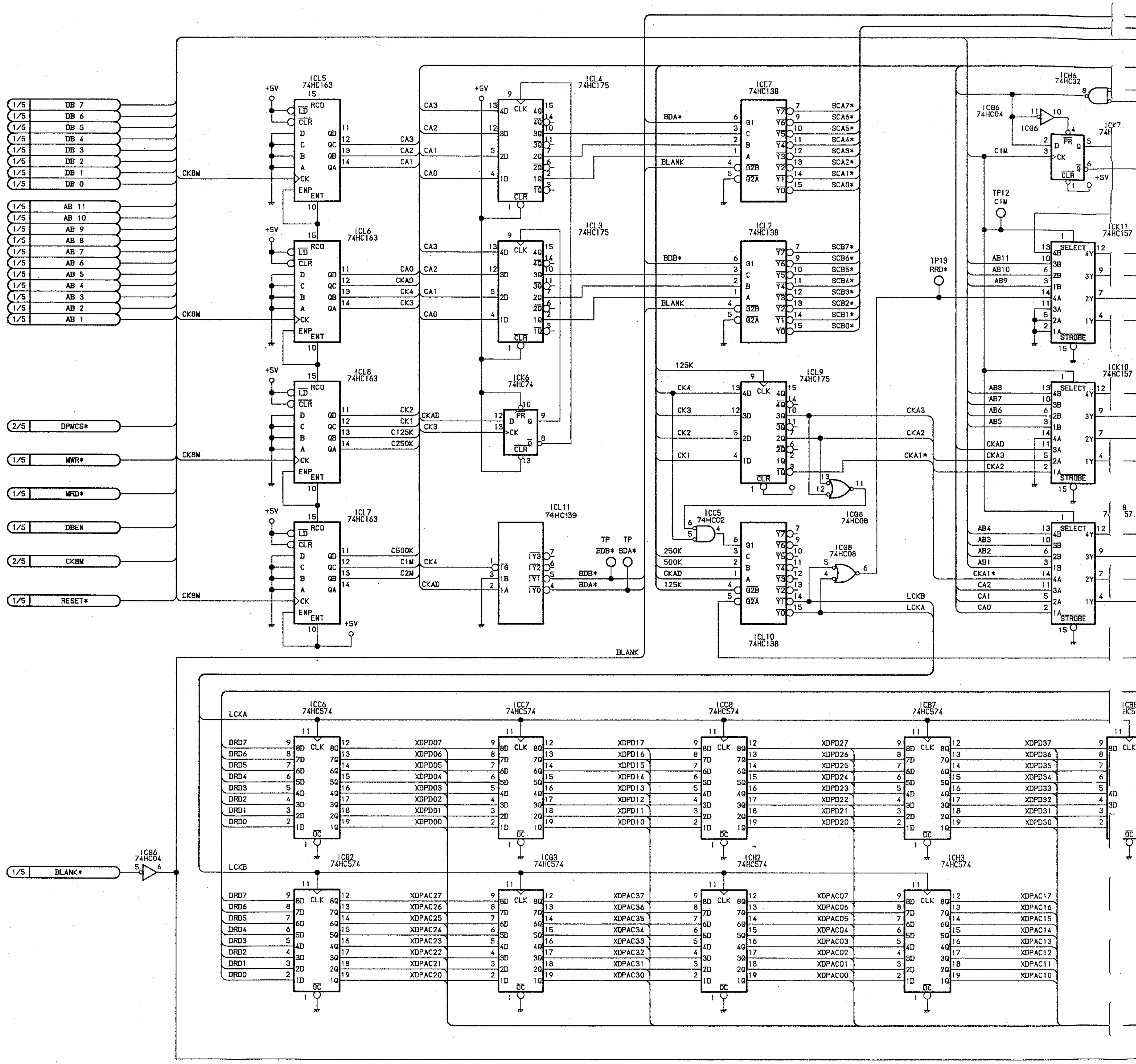


CN826
41 X-XFADE4
42 X-XFADE3
43 X-XFADE2
44 X-XFADE1
45 X-XFADE0
RB7 10K
+5V
ICF2 74HC541
A8 A7 A6 A5 A4 A3 A2 A1
Y8 Y7 Y6 Y5 Y4 Y3 Y2 Y1
G1 G2
DB7 DB6 DB5 DB4 DB3 DB2 DB1 DB0
XFADE*
3 UP
4 COM
5 COM
6 DOWN
R1 10k
R2 10k
C9 0.022
C10 0.022
ICA8 74HC14
UPCK
DWNCK
ICG4 74HC193
ICF4 74HC193
LD CLR D C B A DWN UP
BO CO QD QC QB QA
ICG5 HC04
ICF3 74HS74
8D 7D 6D 5D D4 3D 2D 1D CLK OC
8Q 7Q 6Q 5Q 4Q 3Q 2Q 1Q
DB7 1/5
DB6 1/5
DB5 1/5
DB4 1/5
DB3 1/5
DB2 1/5
DB1 1/5
DB0 1/5
1/5 IOR*
1/5 DBEN*
2/5 DPMCS*
ICB6 74HC32
VARI*
ICG5 74HC04
ICB4 74HC08
ICG9 74HC138
G1 C B A G2B G2A
Y7 Y6 Y5 Y4 Y3 Y2 Y1 Y0
1/5 AB5
1/5 AB4
1/5 AB3
1/5 AB2
1/5 AB0
2/5 DRIO*
DBEN 5/5
DRDEN* 1/5
DRCS 2/5
KDCS1* 4/5
KDCS0* 4/5
CN822
1
2 GND
3 GND
4 +5V
5 +5V
6 +5V
CN829
1
2 GND
3 GND
4 +5V
5 +5V
6 +5V
C 100/10
C19 C60
C25 C63
C29 C75
C38 C87
C41 C93
C 0.01µF
C1~C8
C11~C18
C20~C24
C26~C28
C30~C37
C39, C40
C42~C59
C61, C62
C64~C74
C76~C86
C88~C90
C92,
C94~C114
CN823
1 PLAMP
2 GND
R3 470

Driver

DR-70 BOARD (3/5)

BOARD NO.1-627-127-11 & HIGHER
PCM-3348


1/5 DB 7
1/5 DB 6
1/5 DB 5
1/5 DB 4
1/5 DB 3
1/5 DB 2
1/5 DB 1
1/5 DB 0
1/5 AB 11
1/5 AB 10
1/5 AB 9
1/5 AB 8
1/5 AB 7
1/5 AB 6
1/5 AB 5
1/5 AB 4
1/5 AB 3
1/5 AB 2
1/5 AB 1
2/5 DPMCS*
1/5 MWR*
1/5 MRD*
1/5 DBEN
2/5 CK8M
1/5 RESET*
1/5 BLANK*
CK8M
ICL5 74HC163
ICL6 74HC163
ICL8 74HC163
ICL7 74HC163
ICL4 74HC175
ICL3 74HC175
ICK6 74HC74
ICL11 74HC139
ICE7 74HC138
ICL2 74HC138
ICL9 74HC175
ICL10 74HC138
ICC5 74HC02
ICG8 74HC08
ICH6 74HC32
ICG6 74HC04
ICK7 74H
ICK11 74HC157
ICK10 74HC157
TP12 C1M
TP13 RRD*
TP BDB*
TP BDA*
+5V
CA0
CA1
CA2
CA3
CKAD
CK1
CK2
CK3
CK4
C125K
C250K
C500K
C1M
C2M
125K
250K
500K
BDA*
BDB*
BLANK
SCA0*
SCA1*
SCA2*
SCA3*
SCA4*
SCA5*
SCA6*
SCA7*
SCB0*
SCB1*
SCB2*
SCB3*
SCB4*
SCB5*
SCB6*
SCB7*
CKA1*
CKA2
CKA3
LCKA
LCKB
AB1
AB2
AB3
AB4
AB5
AB6
AB7
AB8
AB9
AB10
AB11
ICC6 74HC574
ICC7 74HC574
ICC8 74HC574
ICB7 74HC574
ICB8 HC5
ICB6 74HC04
ICB2 74HC574
ICB3 74HC574
ICH2 74HC574
ICH3 74HC574
DRD0
DRD1
DRD2
DRD3
DRD4
DRD5
DRD6
DRD7
XDPD00
XDPD01
XDPD02
XDPD03
XDPD04
XDPD05
XDPD06
XDPD07
XDPD10
XDPD11
XDPD12
XDPD13
XDPD14
XDPD15
XDPD16
XDPD17
XDPD20
XDPD21
XDPD22
XDPD23
XDPD24
XDPD25
XDPD26
XDPD27
XDPD30
XDPD31
XDPD32
XDPD33
XDPD34
XDPD35
XDPD36
XDPD37
XDPAC00
XDPAC01
XDPAC02
XDPAC03
XDPAC04
XDPAC05
XDPAC06
XDPAC07
XDPAC10
XDPAC11
XDPAC12
XDPAC13
XDPAC14
XDPAC15
XDPAC16
XDPAC17
XDPAC20
XDPAC21
XDPAC22
XDPAC23
XDPAC24
XDPAC25
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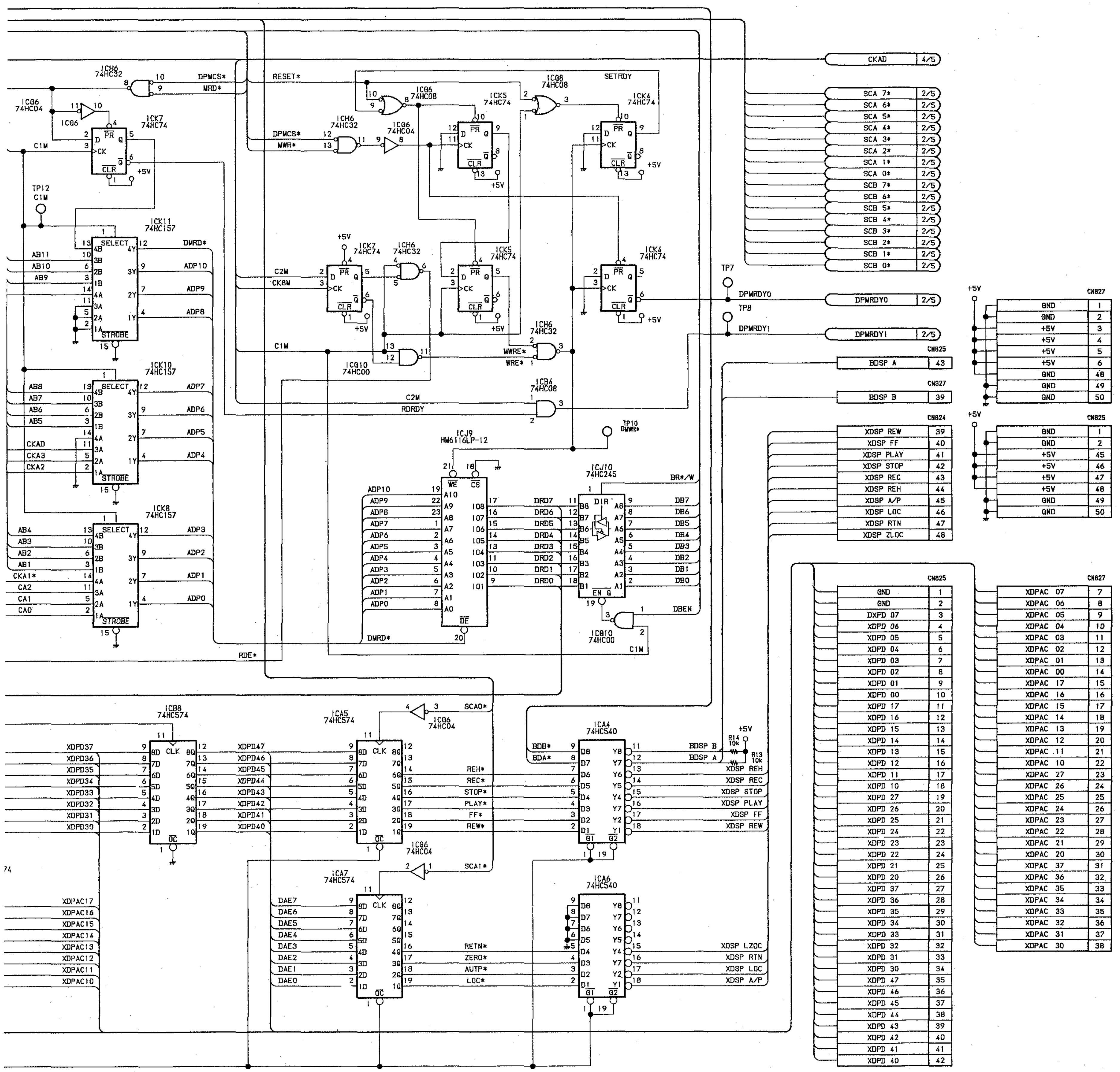
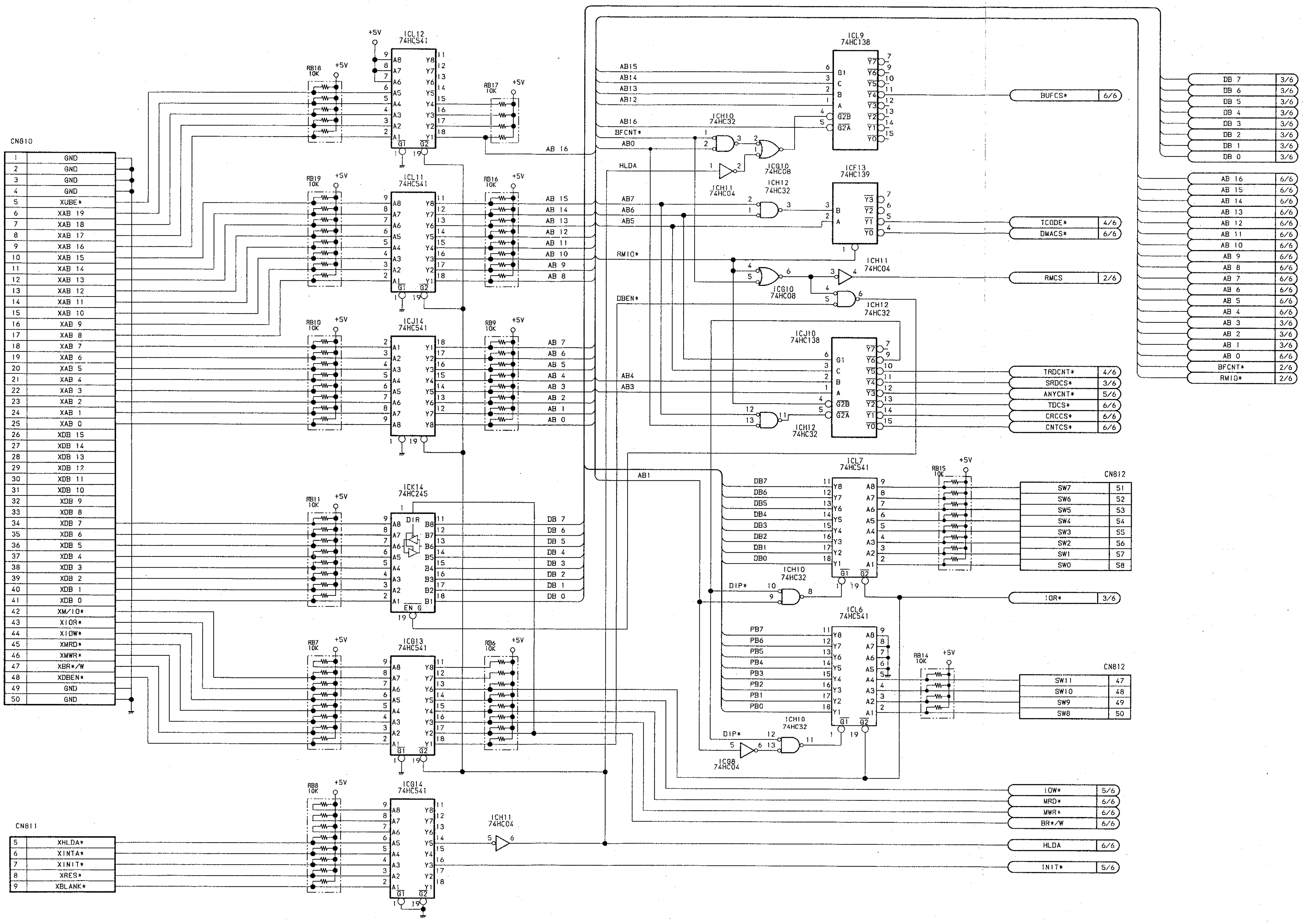
XDPAC32
XDPAC33
XDPAC34
XDPAC35
XDPAC36
XDPAC37


ICH6 74HC32
ICG6 74HC04
ICK7 74HC74
ICG6 74HC08
ICK5 74HC74
ICG8 74HC08
ICK4 74HC74
ICK11 74HC157
ICK10 74HC157
ICK8 74HC157
ICG10 74HC00
ICB4 74HC08
ICJ9 HM6116LP-12
ICJ10 74HC245
ICB8 74HC574
ICA5 74HC574
ICA7 74HC574
ICA4 74HC540
ICA6 74HC540
TP12 C1M
TP7
TP8
TP10 DWWR*
DPMCS*
MRD*
RESET*
SETRDY
MWR*
C1M
C2M
CK6M
DMRD*
RDRDY
MWRE*
WRE*
DBEN
BR*/W
RDE*
DMRD*
CKAD 4/5
SCA 7* 2/5
SCA 6* 2/5
SCA 5* 2/5
SCA 4* 2/5
SCA 3* 2/5
SCA 2* 2/5
SCA 1* 2/5
SCA 0* 2/5
SCB 7* 2/5
SCB 6* 2/5
SCB 5* 2/5
SCB 4* 2/5
SCB 3* 2/5
SCB 2* 2/5
SCB 1* 2/5
SCB 0* 2/5
DPMRDY0 2/5
DPMRDY1 2/5
CN825 BDSP A 43
CN327 BDSP B 39
CN824 XDSP REW 39, XDSP FF 40, XDSP PLAY 41, XDSP STOP 42, XDSP REC 43, XDSP REH 44, XDSP A/P 45, XDSP LOC 46, XDSP RTN 47, XDSP ZLOC 48
CN827 GND 1, GND 2, +5V 3, +5V 4, +5V 5, +5V 6, GND 48, GND 49, GND 50
CN825 GND 1, GND 2, +5V 45, +5V 46, +5V 47, +5V 48, GND 49, GND 50
CN825 GND 1, GND 2, DXPD 07 3, XDPD 06 4, XDPD 05 5, XDPD 04 6, XDPD 03 7, XDPD 02 8, XDPD 01 9, XDPD 00 10, XDPD 17 11, XDPD 16 12, XDPD 15 13, XDPD 14 14, XDPD 13 15, XDPD 12 16, XDPD 11 17, XDPD 10 18, XDPD 27 19, XDPD 26 20, XDPD 25 21, XDPD 24 22, XDPD 23 23, XDPD 22 24, XDPD 21 25, XDPD 20 26, XDPD 37 27, XDPD 36 28, XDPD 35 29, XDPD 34 30, XDPD 33 31, XDPD 32 32, XDPD 31 33, XDPD 30 34, XDPD 47 35, XDPD 46 36, XDPD 45 37, XDPD 44 38, XDPD 43 39, XDPD 42 40, XDPD 41 41, XDPD 40 42
CN827 XDPAC 07 7, XDPAC 06 8, XDPAC 05 9, XDPAC 04 10, XDPAC 03 11, XDPAC 02 12, XDPAC 01 13, XDPAC 00 14, XDPAC 17 15, XDPAC 16 16, XDPAC 15 17, XDPAC 14 18, XDPAC 13 19, XDPAC 12 20, XDPAC 11 21, XDPAC 10 22, XDPAC 27 23, XDPAC 26 24, XDPAC 25 25, XDPAC 24 26, XDPAC 23 27, XDPAC 22 28, XDPAC 21 29, XDPAC 20 30, XDPAC 37 31, XDPAC 36 32, XDPAC 35 33, XDPAC 34 34, XDPAC 33 35, XDPAC 32 36, XDPAC 31 37, XDPAC 30 38
AB11 AB10 AB9 AB8 AB7 AB6 AB5 AB4 AB3 AB2 AB1
CKAD CKA3 CKA2 CKA1* CA2 CA1 CA0
ADP10 ADP9 ADP8 ADP7 ADP6 ADP5 ADP4 ADP3 ADP2 ADP1 ADP0
DRD7 DRD6 DRD5 DRD4 DRD3 DRD2 DRD1 DRD0
DB7 DB6 DB5 DB4 DB3 DB2 DB1 DB0
XDPD37 XDPD36 XDPD35 XDPD34 XDPD33 XDPD32 XDPD31 XDPD30
XDPD47 XDPD46 XDPD45 XDPD44 XDPD43 XDPD42 XDPD41 XDPD40
SCA0* SCA1*
REH* REC* STOP* PLAY* FF* REW*
BDB* BDA*
BDSP B
BDSP A
R14 10k
R13 10k
+5V
XDSP REH, XDSP REC, XDSP STOP, XDSP PLAY, XDSP FF, XDSP REW
XDPAC17 XDPAC16 XDPAC15 XDPAC14 XDPAC13 XDPAC12 XDPAC11 XDPAC10
DAE7 DAE6 DAE5 DAE4 DAE3 DAE2 DAE1 DAE0
RETN* ZERO* AUTP* LOC*
XDSP LZOC, XDSP RTN, XDSP LOC, XDSP A/P

Driver

DR-70 BOARD (5/5)

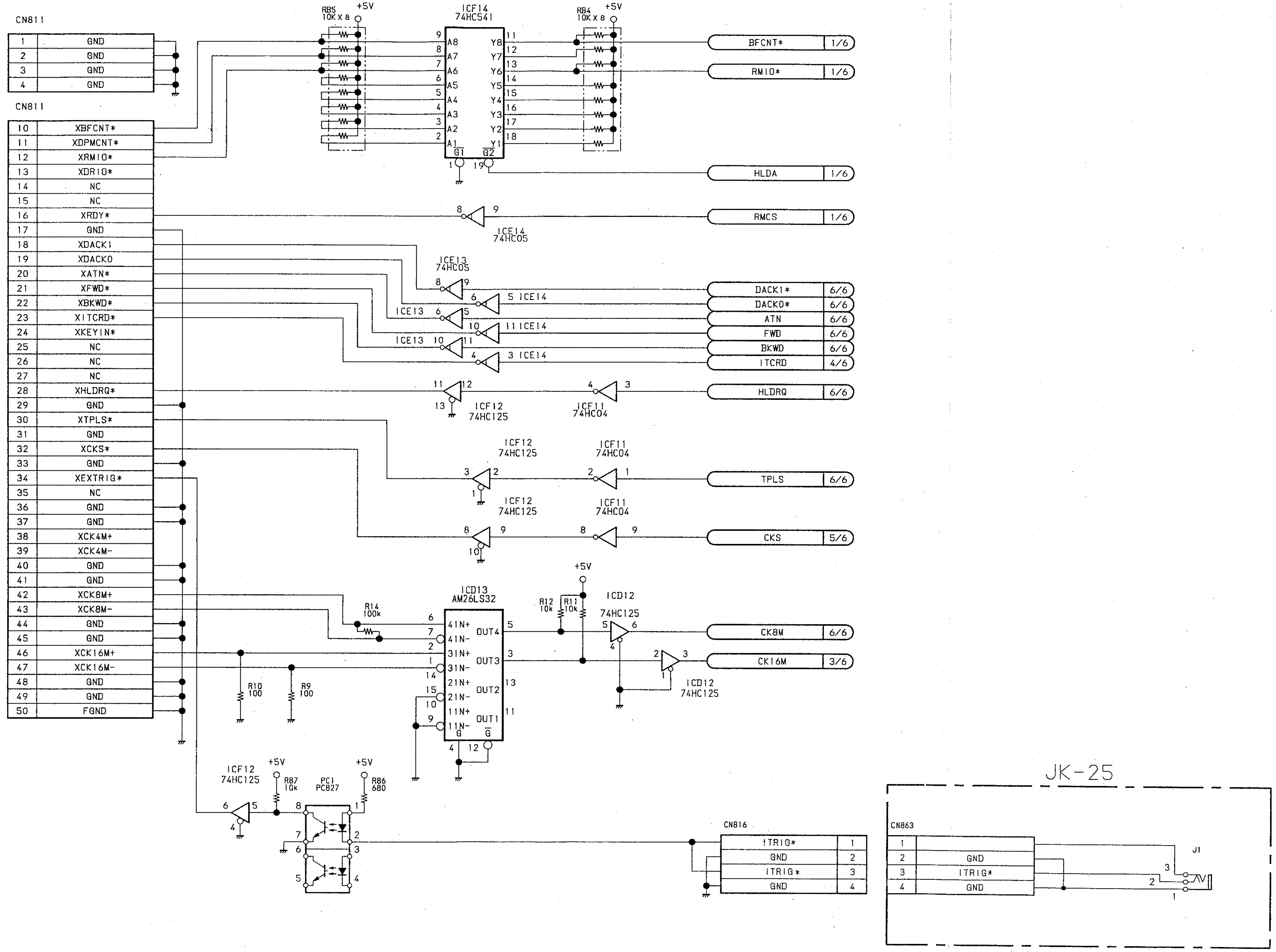
BOARD NO.1-627-127-11 & HIGHER
PCM-3348


CN810
CN811
CN812
ICL12 74HC541
ICL11 74HC541
ICJ14 74HC541
ICK14 74HC245
ICG13 74HC541
ICG14 74HC541
ICL9 74HC138
ICF13 74HC139
ICJ10 74HC138
ICL7 74HC541
ICL6 74HC541
ICH10 74HC32
ICG10 74HC08
ICH11 74HC04
ICH12 74HC32
ICG8 74HC04
RB18 10K
RB19 10K
RB10 10K
RB11 10K
RB7 10K
RB8 10K
RB17 10K
RB16 10K
RB9 10K
RB6 10K
RB15 10K
RB14 10K
+5V
GND
XUBE*
XAB 19
XAB 18
XAB 17
XAB 16
XAB 15
XAB 14
XAB 13
XAB 12
XAB 11
XAB 10
XAB 9
XAB 8
XAB 7
XAB 6
XAB 5
XAB 4
XAB 3
XAB 2
XAB 1
XAB 0
XDB 15
XDB 14
XDB 13
XDB 12
XDB 11
XDB 10
XDB 9
XDB 8
XDB 7
XDB 6
XDB 5
XDB 4
XDB 3
XDB 2
XDB 1
XDB 0
XM/IO*
XIOR*
XIOW*
XMRD*
XMWR*
XBR*/W
XDBEN*
XHLDA*
XINTA*
XINIT*
XRES*
XBLANK*
BUFCS* 6/6
TCODE* 4/6
DMACS* 6/6
RMCS 2/6
TRDCNT* 4/6
SRDCS* 3/6
ANYCNT* 5/6
TDCS* 6/6
CRCCS* 6/6
CNTCS* 6/6
IOR* 3/6
IOW* 5/6
MRD* 6/6
MWR* 6/6
BR*/W 6/6
HLDA 6/6
INIT* 5/6
BFCNT* 2/6
RMIO* 2/6
DIP*
SW0
SW1
SW2
SW3
SW4
SW5
SW6
SW7
SW8
SW9
SW10
SW11

Remote

RM-59 BOARD (1/6)

BOARD NO.1-627-126-11 & HIGHER
PCM-3348


CN811
1 GND
2 GND
3 GND
4 GND
CN811
10 XBFCNT*
11 XDPMCNT*
12 XRMIO*
13 XDRIO*
14 NC
15 NC
16 XRDY*
17 GND
18 XDACK1
19 XDACK0
20 XATN*
21 XFWD*
22 XBKWD*
23 XITCRD*
24 XKEYIN*
25 NC
26 NC
27 NC
28 XHLDRQ*
29 GND
30 XTPLS*
31 GND
32 XCKS*
33 GND
34 XEXTRIG*
35 NC
36 GND
37 GND
38 XCK4M+
39 XCK4M-
40 GND
41 GND
42 XCK8M+
43 XCK8M-
44 GND
45 GND
46 XCK16M+
47 XCK16M-
48 GND
49 GND
50 FGND
RB5 10K x 8
+5V
ICF14 74HC541
RB4 10K x 8
+5V
BFCNT* 1/6
RMIO* 1/6
HLDA 1/6
ICE14 74HC05
RMCS 1/6
ICE13 74HC05
ICE14
ICE13
DACK1* 6/6
DACK0* 6/6
ATN 6/6
FWD 6/6
BKWD 6/6
ITCRD 4/6
ICF12 74HC125
ICF11 74HC04
HLDRQ 6/6
TPLS 6/6
CKS 5/6
ICD13 AM26LS32
R14 100k
R12 10k
R11 10k
ICD12 74HC125
CK8M 6/6
CK16M 3/6
R10 100
R9 100
ICF12 74HC125
R87 10k
PC1 PC827
R86 680
CN816
ITRIG* 1
GND 2
ITRIG* 3
GND 4
JK-25
CN863
1
2 GND
3 ITRIG*
4 GND
J1

Remote

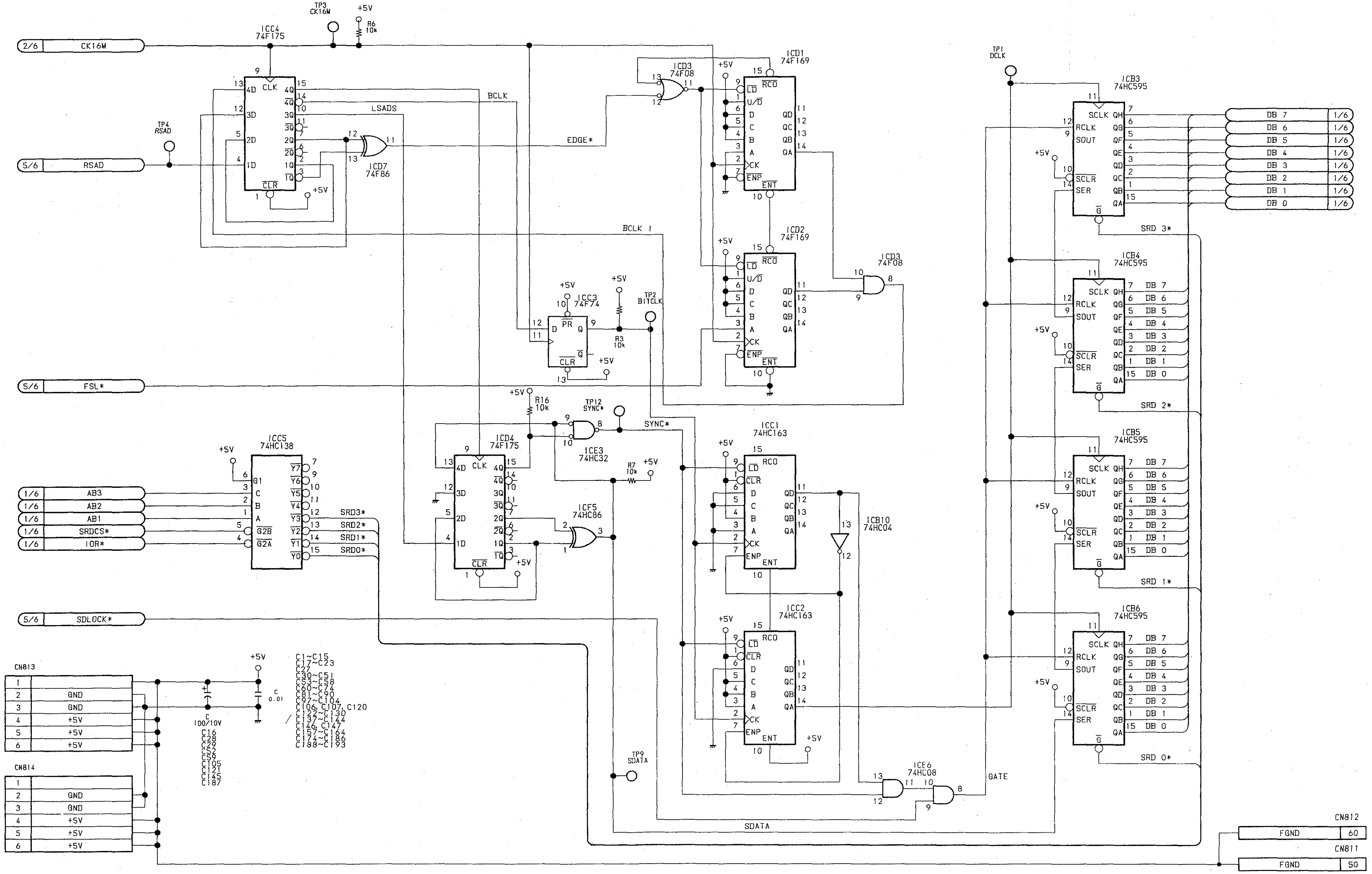
RM-59 BOARD (2/6)

BOARD NO.1-627-126-11 & HIGHER
PCM-3348

Jack

JK-25 BOARD

BOARD NO.1-627-134-11 & HIGHER
PCM-3348

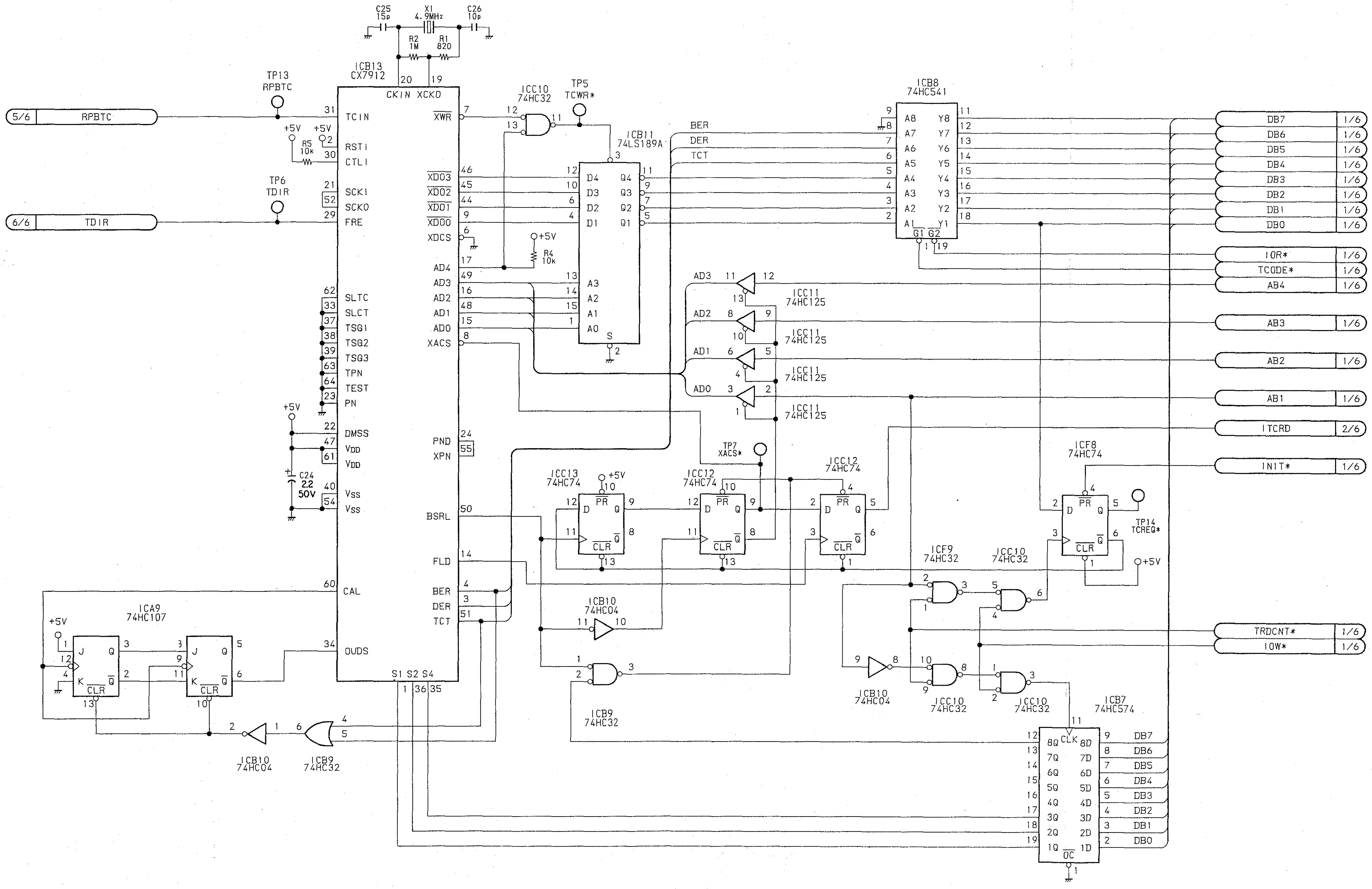

2/6 CK16M
5/6 RSAD
5/6 FSL*
5/6 SDLOCK*
1/6 AB3
1/6 AB2
1/6 AB1
1/6 SRDCS*
1/6 IOR*
TP3 CK16M
TP4 RSAD
TP1 DCLK
TP2 BITCLK
TP12 SYNC*
TP9 SDATA
R6 10k
R3 10k
R16 10k
R7 10k
+5V
ICC4 74F175
ICD7 74F86
ICD3 74F08
ICD1 74F169
ICD2 74F169
ICC3 74F74
ICC5 74HC138
ICD4 74F175
ICE3 74HC32
ICF5 74HC86
ICC1 74HC163
ICC2 74HC163
ICB10 74HC04
ICE6 74HC08
ICB3 74HC595
ICB4 74HC595
ICB5 74HC595
ICB6 74HC595
BCLK
LSADS
EDGE*
BCLK 1
SYNC*
SDATA
GATE
SRD3*
SRD2*
SRD1*
SRD0*
SRD 3*
SRD 2*
SRD 1*
SRD 0*
DB 7 1/6
DB 6 1/6
DB 5 1/6
DB 4 1/6
DB 3 1/6
DB 2 1/6
DB 1 1/6
DB 0 1/6
CN813
CN814
GND
+5V
C 100/10V
C 0.01
C16 C28 C29 C52 C59 C105 C121 C145 C187
C1~C15 C17~C23 C27 C30~C51 C53~C58 C60~C74 C81~C90 C97~C104 C106, C107, C120 C122~C130 C137~C144 C146, C147 C157~C164 C174~C186 C188~C193
CN812 FGND 60
CN811 FGND 50

Remote

RM-59 BOARD (3/6)

BOARD NO.1-627-126-11 & HIGHER
PCM-3348

T. RD

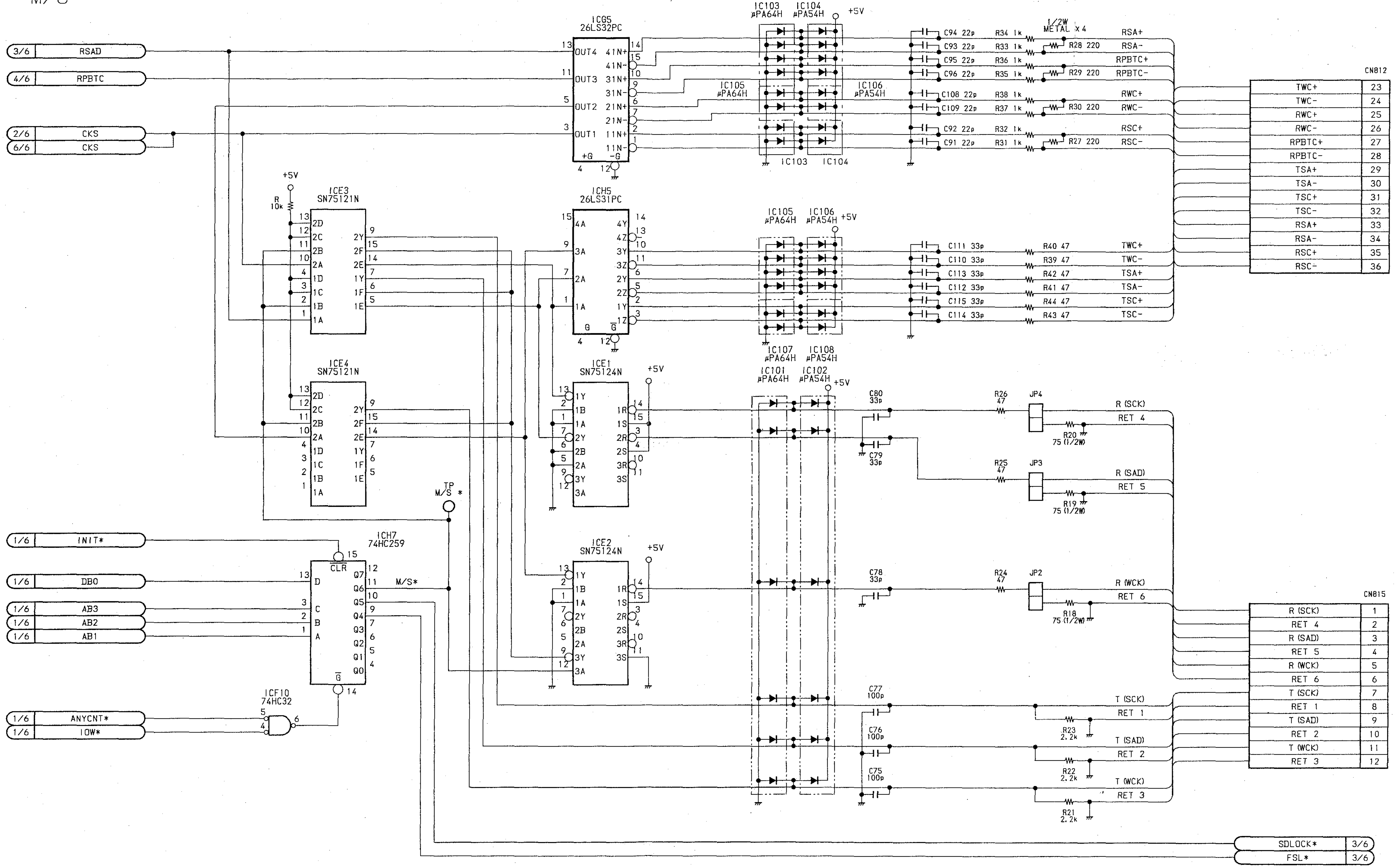

C25 15p
X1 4.9MHz
C26 10p
R2 1M
R1 820
ICB13 CX7912
CKIN XCKO
TP13 RPBTC
5/6 RPBTC
TCIN
+5V
R5 10k
RSTi
CTLI
TP6 TDIR
SCKI
SCKO
6/6 TDIR
FRE
SLTC
SLCT
TSG1
TSG2
TSG3
TPN
TEST
PN
DMSS
VDD
C24 2.2 50V
VSS
CAL
OUDS
XWR
XDO3
XDO2
XDO1
XDO0
XDCS
AD4
AD3
AD2
AD1
AD0
XACS
PND
XPN
BSRL
FLD
BER
DER
TCT
S1 S2 S4
ICC10 74HC32
TP5 TCWR*
ICB11 74LS189A
D4 D3 D2 D1
Q4 Q3 Q2 Q1
A3 A2 A1 A0
S
R4 10k
BER
DER
TCT
ICB8 74HC541
A8 A7 A6 A5 A4 A3 A2 A1
Y8 Y7 Y6 Y5 Y4 Y3 Y2 Y1
G1 G2
DB7 1/6
DB6 1/6
DB5 1/6
DB4 1/6
DB3 1/6
DB2 1/6
DB1 1/6
DB0 1/6
IOR* 1/6
TCODE* 1/6
AB4 1/6
AB3 1/6
AB2 1/6
AB1 1/6
ITCRD 2/6
INIT* 1/6
TRDCNT* 1/6
IOW* 1/6
ICC11 74HC125
TP7 XACS*
ICC13 74HC74
ICC12 74HC74
ICC12 74HC74
ICF8 74HC74
TP14 TCREQ*
D PR Q CLR Q
ICF9 74HC32
ICC10 74HC32
ICB10 74HC04
ICB9 74HC32
ICB10 74HC04
ICC10 74HC32
ICC10 74HC32
ICB7 74HC574
CLK
8Q 7Q 6Q 5Q 4Q 3Q 2Q 1Q
8D 7D 6D 5D 4D 3D 2D 1D
OC
ICA9 74HC107
J Q K Q CLR
ICB10 74HC04
ICB9 74HC32

Remote

RM-59 BOARD (4/6)

BOARD NO.1-627-126-11 & HIGHER
PCM-3348

M/S

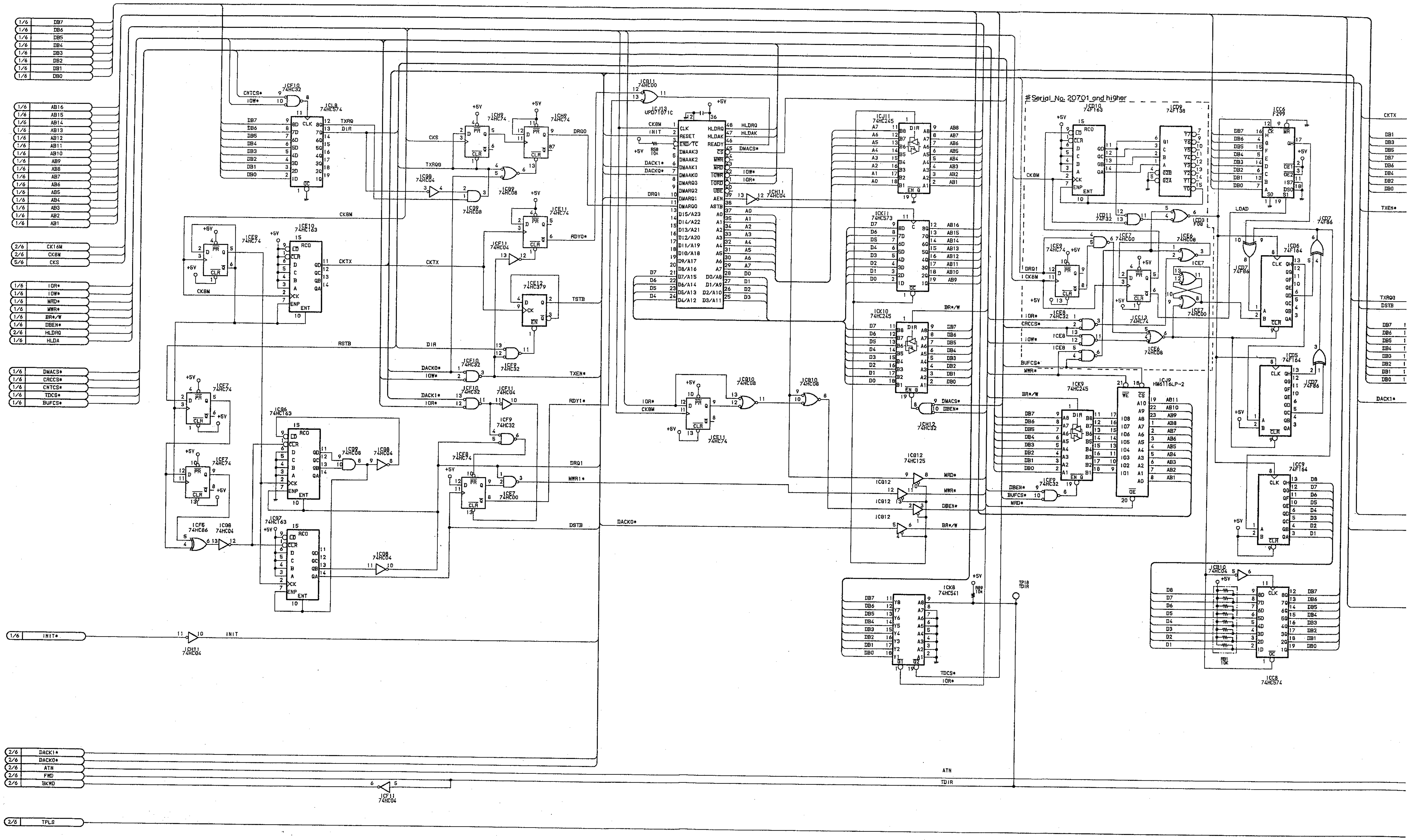

3/6 RSAD
4/6 RPBTC
2/6 CKS
6/6 CKS
ICG5 26LS32PC
OUT4 4IN+ 4IN-
OUT3 3IN+ 3IN-
OUT2 2IN+ 2IN-
OUT1 1IN+ 1IN-
+G -G
IC103 µPA64H
IC104 µPA54H
IC105 µPA64H
IC106 µPA54H
+5V
C94 22p R34 1k
C93 22p R33 1k R28 220
C95 22p R36 1k
C96 22p R35 1k R29 220
C108 22p R38 1k
C109 22p R37 1k R30 220
C92 22p R32 1k
C91 22p R31 1k R27 220
1/2W METAL x4
RSA+ RSA- RPBTC+ RPBTC- RWC+ RWC- RSC+ RSC-
CN812
TWC+ 23
TWC- 24
RWC+ 25
RWC- 26
RPBTC+ 27
RPBTC- 28
TSA+ 29
TSA- 30
TSC+ 31
TSC- 32
RSA+ 33
RSA- 34
RSC+ 35
RSC- 36
ICE3 SN75121N
R 10k
ICH5 26LS31PC
4A 4Y 4Z 3A 3Y 3Z 2A 2Y 2Z 1A 1Y 1Z G Ḡ
C111 33p R40 47 TWC+
C110 33p R39 47 TWC-
C113 33p R42 47 TSA+
C112 33p R41 47 TSA-
C115 33p R44 47 TSC+
C114 33p R43 47 TSC-
IC107 µPA64H
IC108 µPA54H
IC101 µPA64H
IC102 µPA54H
ICE4 SN75121N
2D 2C 2B 2A 1D 1C 1B 1A 2Y 2F 2E 1Y 1F 1E
ICE1 SN75124N
1R 1S 2R 2S 3R 3S
C80 33p C79 33p
R26 47 JP4 R20 75 (1/2W) R (SCK) RET 4
R25 47 JP3 R19 75 (1/2W) R (SAD) RET 5
TP M/S *
1/6 INIT*
1/6 DB0
1/6 AB3
1/6 AB2
1/6 AB1
ICH7 74HC259
CLR D C B A Q7 Q6 Q5 Q4 Q3 Q2 Q1 Q0 Ḡ
M/S*
ICE2 SN75124N
C78 33p R24 47 JP2 R18 75 (1/2W) R (WCK) RET 6
CN815
R (SCK) 1
RET 4 2
R (SAD) 3
RET 5 4
R (WCK) 5
RET 6 6
T (SCK) 7
RET 1 8
T (SAD) 9
RET 2 10
T (WCK) 11
RET 3 12
C77 100p R23 2.2k T (SCK) RET 1
C76 100p R22 2.2k T (SAD) RET 2
C75 100p R21 2.2k T (WCK) RET 3
ICF10 74HC32
1/6 ANYCNT*
1/6 IOW*
SDLOCK* 3/6
FSL* 3/6

Remote

RM-59 BOARD (5/6)

BOARD NO.1-627-126-11 & HIGHER
PCM-3348

SRIF3

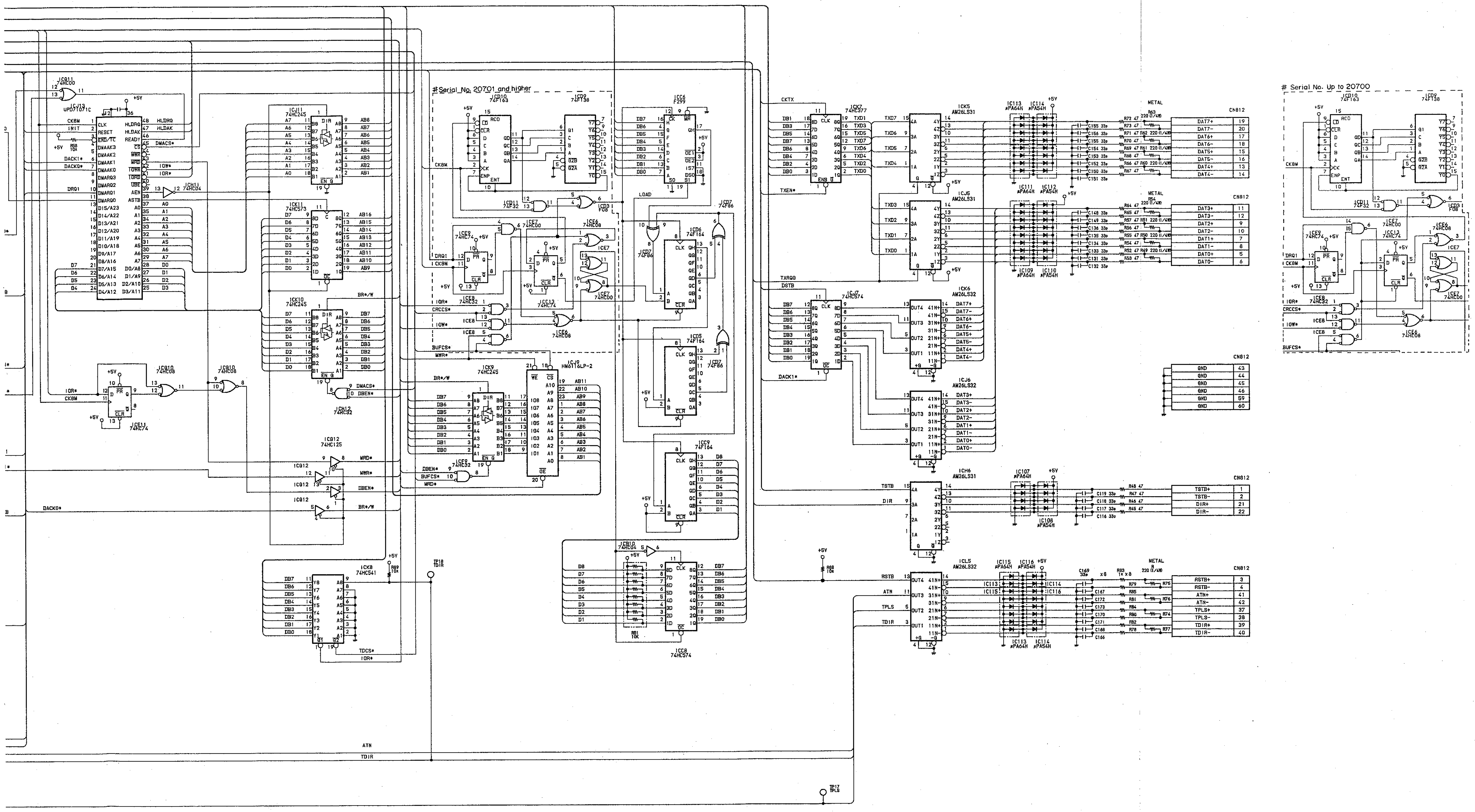

1/6 DB7
1/6 DB6
1/6 DB5
1/6 DB4
1/6 DB3
1/6 DB2
1/6 DB1
1/6 DB0
1/6 AB16
1/6 AB15
1/6 AB14
1/6 AB13
1/6 AB12
1/6 AB11
1/6 AB10
1/6 AB9
1/6 AB8
1/6 AB7
1/6 AB6
1/6 AB5
1/6 AB4
1/6 AB3
1/6 AB2
1/6 AB1
2/6 CK16M
2/6 CK8M
5/6 CKS
1/6 IOR*
1/6 IOW*
1/6 MRD*
1/6 MWR*
1/6 BR*/W
1/6 DBEN*
2/6 HLDRQ
1/6 HLDA
1/6 DMACS*
1/6 CRCCS*
1/6 CNTCS*
1/6 TDCS*
1/6 BUFCS*
1/6 INIT*
2/6 DACK1*
2/6 DACK0*
2/6 ATN
2/6 FWD
2/6 BKWD
2/6 TPLS
ICL8 74HCS74
ICF10 74HC32
ICH9 74HC74
ICE10 74HC163
ICE9 74HC74
ICE7 74HC74
ICB6 74HC163
ICB7 74HC163
ICF6 74HC86
ICB8 74HC04
ICE12 74HC379
ICJ13 UPD71071C
ICB11 74HC00
ICJ11 74HC245
ICK11 74HC573
ICK10 74HC245
ICH12 74HC32
ICB12 74HC125
ICK8 74HC541
TP18 TDIR
ICH11 74HC04
ICF11 74HC04
#Serial No. 20701 and higher
ICD10 74F163
ICD9 74F138
ICC6 F299
ICD11 74F32
ICD3 F08
ICE9 74HC74
ICE7 74HC00
ICE6 74HC08
ICD7 74F86
ICD6 74F164
ICD5 74F164
ICC9 74F164
ICK9 74HC245
ICJ9 HM6116LP-2
ICB10 74HC04
ICC8 74HC574
RB1 10K
CKTX
TXRQG
DSTB
TXEN*
DACK1*
LOAD
INIT
RSTB
DIR
TSTB
RDYO
RDY1*
DRQ1
MWR1*
DACKO*
TDIR
ATN

	REF. NO	VCC	GND
74HC00		14	7
74HC00		14	7
74HC04		14	7
74HC08		14	7
74HC08		14	7
74HC32		14	7
74HC32		14	7
74HC74		14	7
74HC74		14	7
74HC74		14	7
74HC74		14	7
74HC74		14	7
74HC86		14	7

	REF. NO	VCC	GND
74HC157		16	8
74HC163		16	8
74HC163		16	8
74HC163		16	8
74HC377		20	10
74HC379		16	8
74HC541		20	10
74HC541		20	10
74HC574		20	10
74HC574		20	10
74HC645		20	10
HM6116-LP2		24	12
UPD71071		40	20

	REF. NO	VCC	GND
74S32		14	7
74S86		14	7
74S138		16	8
74S163		16	8
74S164		14	7
74S164		14	7
74S164		14	7
74S165		16	8
75121		16	8
75122		16	8

	REF. NO	VCC	GND
AM26LS31		16	8
AM26LS31		16	8
AM26LS31		16	8
AM26LS31		16	8
AM26LS32		16	8
AM26LS32		16	8
AM26LS32		16	8

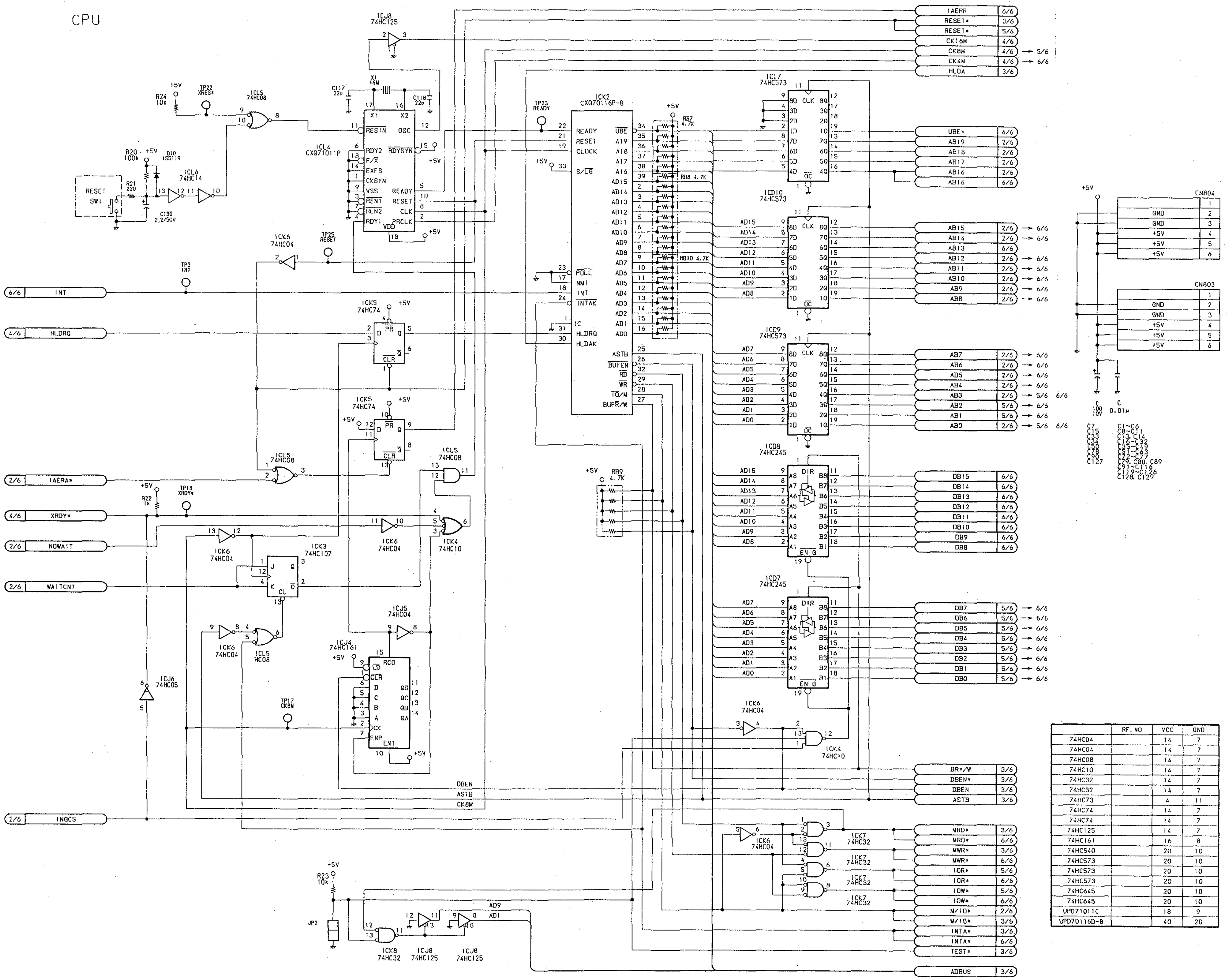

ICB11 74HC00
ICJ13 UPD71071C
CLK
RESET
END/TC
DMAAK3
DMAAK2
DMAAK1
DMAAK0
DMARQ3
DMARQ2
DMARQ1
DMARQ0
HLDRQ
HLDAK
READY
DMACS*
IOW*
IOR*
CK8M
INIT
DACK1*
DACK0*
DRQ1
R58 10k
+5V
ICH11 74HC04
ICJ11 74HC245
ICK11 74HC573
ICK10 74HC245
BR*/W
ICB10 74HC08
ICE11 74HC74
ICH12 74HC32
DMACS*
DBEN*
ICB12 74HC125
MRD*
MWR*
DBEN*
BR*/W
ICK8 74HC541
R69 10k
TDCS*
IOR*
TP18 TDIR
#Serial No. 20701 and higher
ICD10 74F163
ICD9 74F138
ICD11 74F32
ICD3 F08
ICE9 74HC74
ICE7 74HC00
ICE6 74HC08
ICC13 74HC74
ICE8 74HC32
CRCCS*
BUFCS*
MWR*
ICK9 74HC245
ICJ9 HM6116LP-2
ICH8 74HC32
ICC6 F299
LOAD
ICD7 74F86
ICD6 74F164
ICD5 74F164
ICC9 74F164
ICB10 74HC04
RB1 10k
ICC8 74HC574
CKTX
TXEN*
TXRQ0
DSTB
DACK1*
ICK7 74HC377
ICK5 AM26LS31
ICJ5 AM26LS31
ICJ7 74HC574
ICK6 AM26LS32
ICJ6 AM26LS32
ICH6 AM26LS31
ICL5 AM26LS32
IC113 #PA64H
IC114 #PA54H
IC111 #PA64H
IC112 #PA54H
IC109 #PA64H
IC110 #PA54H
IC107 #PA64H
IC108 #PA54H
IC115 #PA64H
IC116 #PA54H
METAL
CN812
DAT7+
DAT7-
DAT6+
DAT6-
DAT5+
DAT5-
DAT4+
DAT4-
DAT3+
DAT3-
DAT2+
DAT2-
DAT1+
DAT1-
DAT0+
DAT0-
GND
TSTB+
TSTB-
DIR+
DIR-
RSTB+
RSTB-
ATN+
ATN-
TPLS+
TPLS-
TDIR+
TDIR-
TSTB
DIR
RSTB
ATN
TPLS
TDIR
R68 10k
TP17 TPLS
# Serial No. Up to 20700

	REF. NO	VCC	GND
AM26LS31		16	8
AM26LS31		16	8
AM26LS31		16	8
AM26LS31		16	8
AM26LS32		16	8
AM26LS32		16	8
AM26LS32		16	8

Remote

RM-59 BOARD (6/6)

BOARD NO.1-627-126-11 & HIGHER
PCM-3348


CPU
ICJ8 74HC125
ICL5 74HC08
ICL6 74HC14
ICL4 CXQ71011P
ICK2 CXQ70116P-8
ICL7 74HC573
ICD10 74HC573
ICD9 74HC573
ICD8 74HC245
ICD7 74HC245
ICK5 74HC74
ICK6 74HC04
ICK4 74HC10
ICK3 74HC107
ICJ5 74HC04
ICJ4 74HC161
ICJ6 74HC05
ICK7 74HC32
ICK8 74HC32
RESET SW1
R24 10k
R20 100k
R21 220
D10 1SS119
C130 2.2/50V
X1 16M
C117 22p
C118 22p
TP22 XRES*
TP23 READY
TP25 RESET
TP3 INT
TP18 XRDY*
TP17 CK8M
R22 1k
R23 10k
JP2
RB7 4.7K
RB8 4.7K
RB10 4.7K
RB9 4.7K
+5V
IAERR
RESET*
CK16M
CK8M
CK4M
HLDA
UBE*
AB19
AB18
AB17
AB16
AB15
AB14
AB13
AB12
AB11
AB10
AB9
AB8
AB7
AB6
AB5
AB4
AB3
AB2
AB1
AB0
DB15
DB14
DB13
DB12
DB11
DB10
DB9
DB8
DB7
DB6
DB5
DB4
DB3
DB2
DB1
DB0
INT
HLDRQ
IAERA*
XRDY*
NOWAIT
WAITCNT
INQCS
BR*/W
DBEN*
DBEN
ASTB
CK8M
MRD*
MWR*
IOR*
IOW*
M/IO*
INTA*
TEST*
ADBUS
CN804
CN803
GND
C 100 10V
C 0.01μ

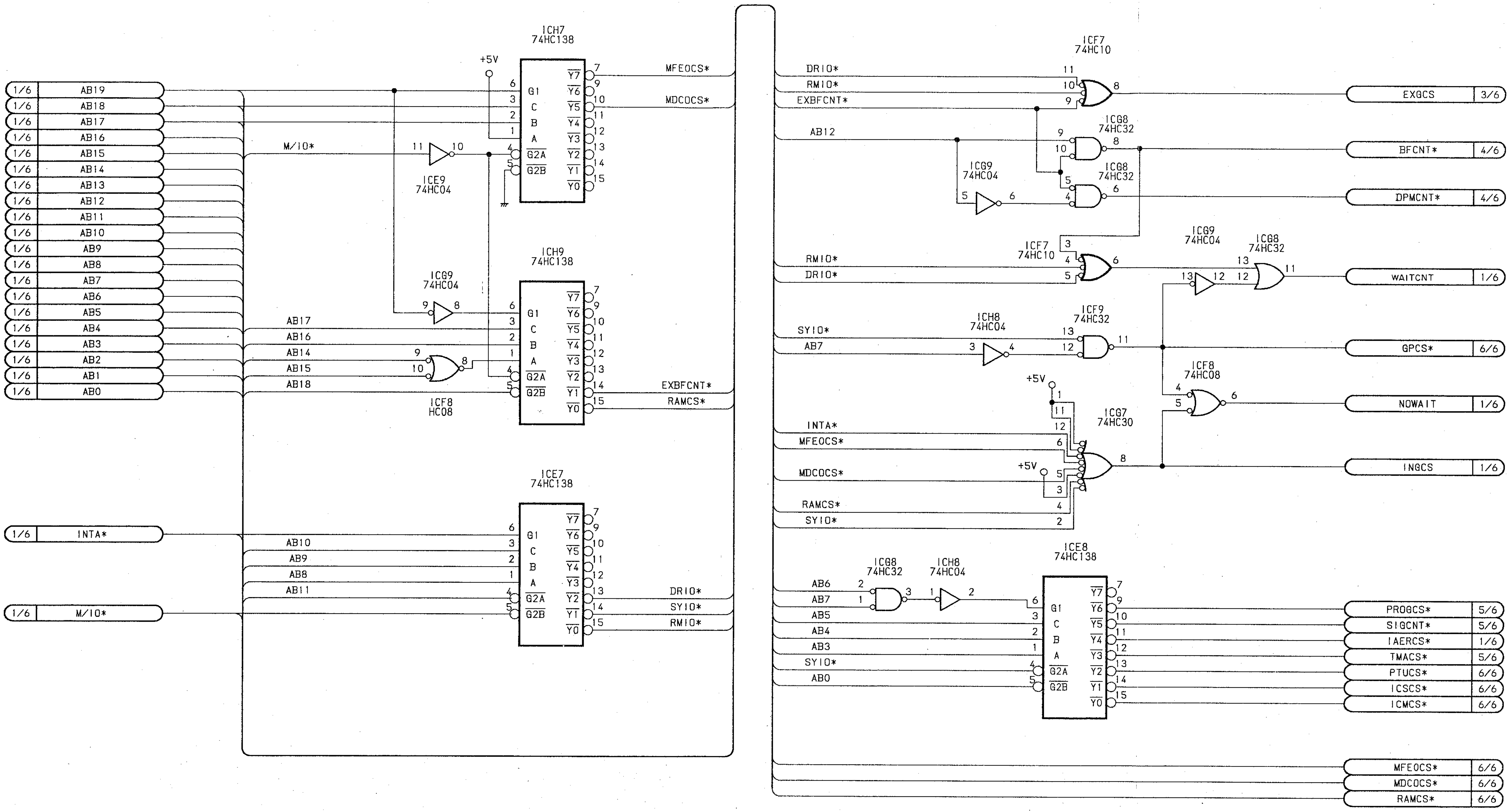
	RF. NO	VCC	GND
74HC04		14	7
74HC04		14	7
74HC08		14	7
74HC10		14	7
74HC32		14	7
74HC32		14	7
74HC73		4	11
74HC74		14	7
74HC74		14	7
74HC125		14	7
74HC161		16	8
74HC540		20	10
74HC573		20	10
74HC573		20	10
74HC573		20	10
74HC645		20	10
74HC645		20	10
UPD71011C		18	9
UPD70116D-8		40	20

System Control

SY-128/128A BOARD (1/6)

BOARD NO. 1-627-125-11 & HIGHER
PCM-3348

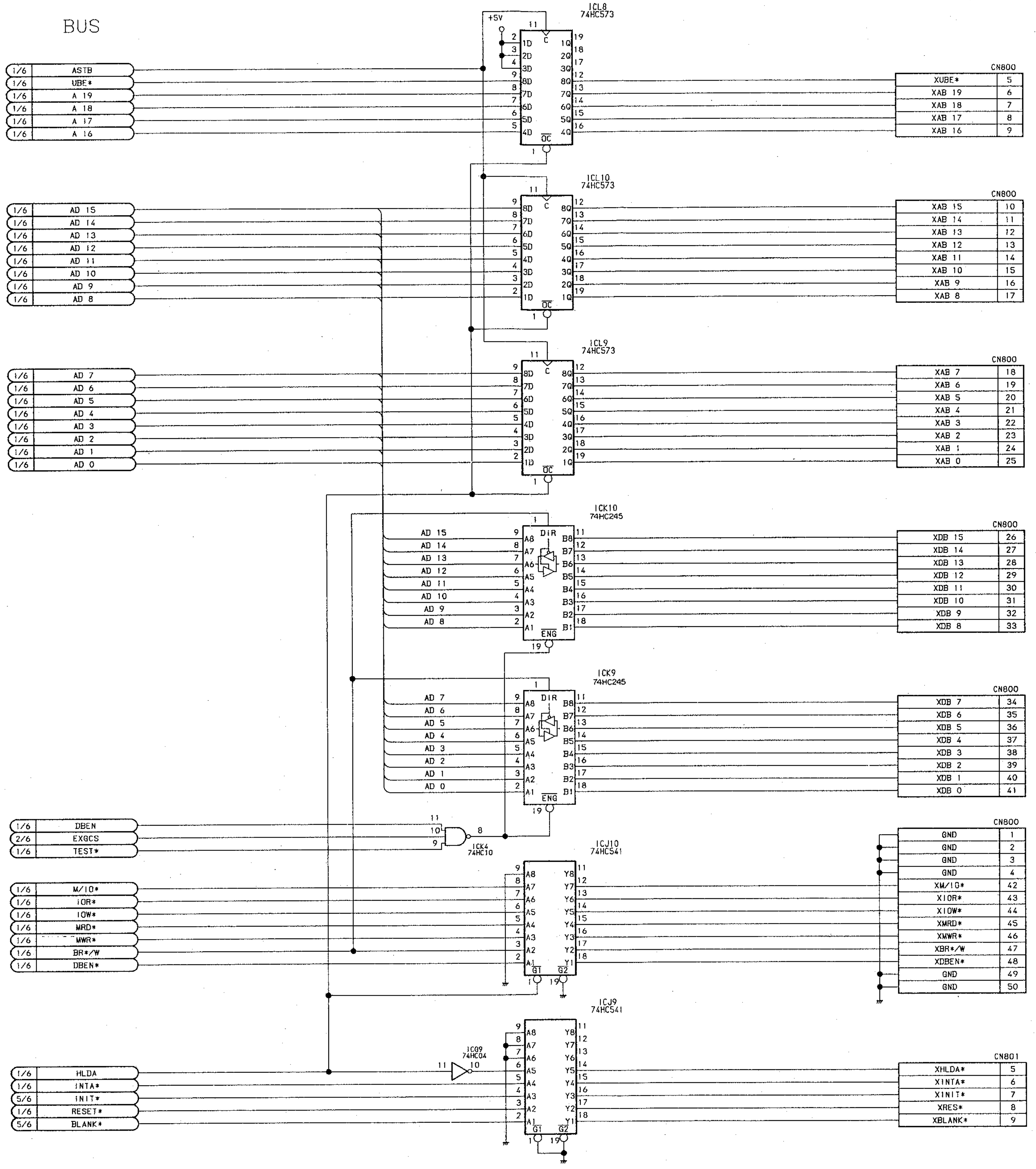
DECODE


ICH7
74HC138
ICH9
74HC138
ICE7
74HC138
ICE9
74HC04
ICG9
74HC04
ICF8
HC08
ICF7
74HC10
ICG8
74HC32
ICH8
74HC04
ICF9
74HC32
ICF8
74HC08
ICG7
74HC30
ICE8
74HC138
+5V
G1
C
B
A
G2A
G2B
Y7
Y6
Y5
Y4
Y3
Y2
Y1
Y0
1/6
AB19
AB18
AB17
AB16
AB15
AB14
AB13
AB12
AB11
AB10
AB9
AB8
AB7
AB6
AB5
AB4
AB3
AB2
AB1
AB0
INTA*
M/IO*
MFEOCS*
MDCOCS*
EXBFCNT*
RAMCS*
DRIO*
SYIO*
RMIO*
EXGCS
3/6
BFCNT*
4/6
DPMCNT*
4/6
WAITCNT
1/6
GPCS*
6/6
NOWAIT
1/6
INGCS
1/6
PROGCS*
5/6
SIGCNT*
5/6
IAERCS*
1/6
TMACS*
5/6
PTUCS*
6/6
ICSCS*
6/6
ICMCS*
6/6
MFEOCS*
6/6
MDCOCS*
6/6
RAMCS*
6/6

System Control

SY-128/128A BOARD (2/6)

BOARD NO.1-627-125-11 & HIGHER
PCM-3348

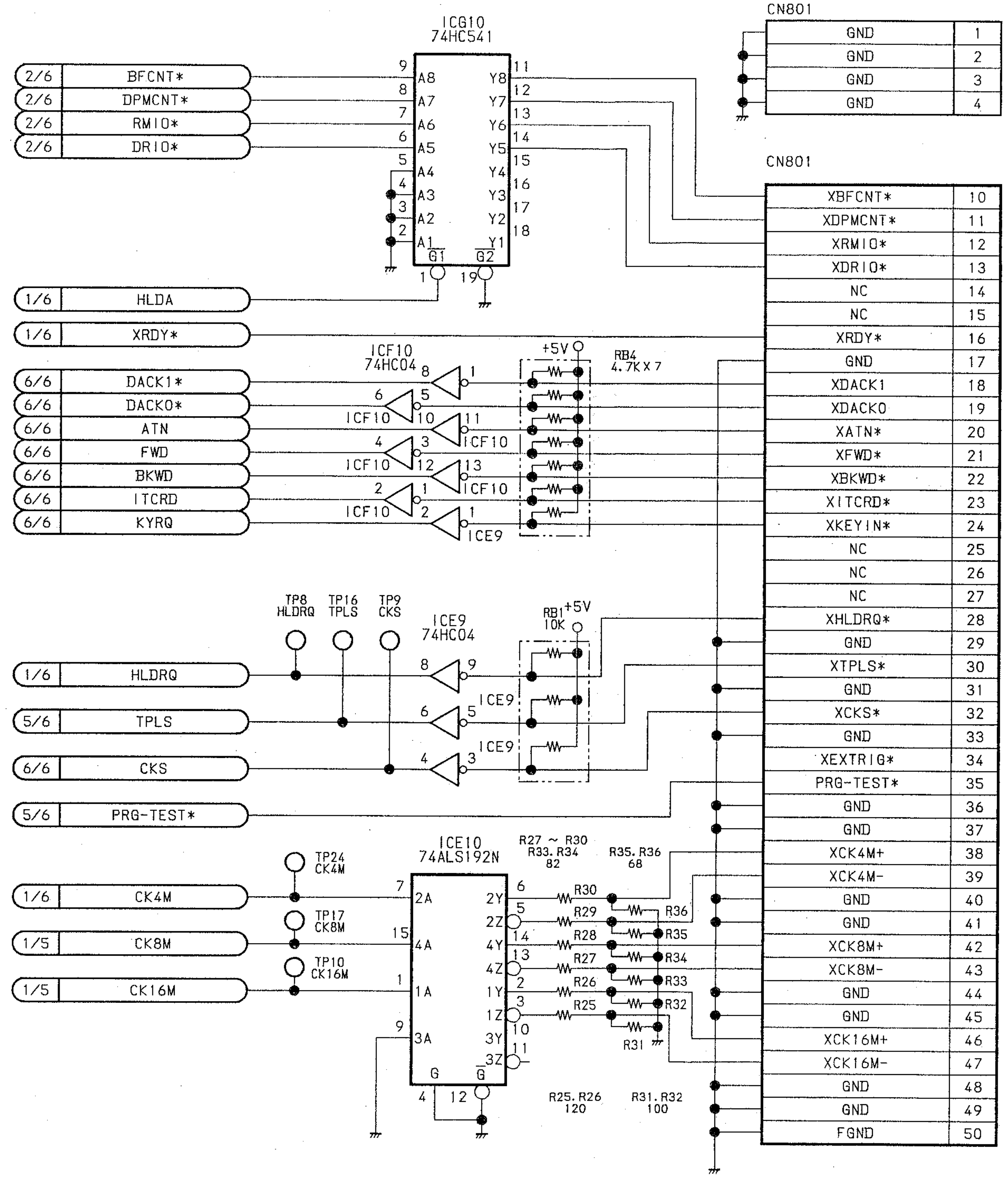

BUS
ICL8
74HC573
ICL10
74HC573
ICL9
74HC573
ICK10
74HC245
ICK9
74HC245
ICK4
74HC10
ICJ10
74HC541
ICJ9
74HC541
IC09
74HC04
+5V
CN800
CN801
1/6 ASTB
1/6 UBE*
1/6 A 19
1/6 A 18
1/6 A 17
1/6 A 16
1/6 AD 15
1/6 AD 14
1/6 AD 13
1/6 AD 12
1/6 AD 11
1/6 AD 10
1/6 AD 9
1/6 AD 8
1/6 AD 7
1/6 AD 6
1/6 AD 5
1/6 AD 4
1/6 AD 3
1/6 AD 2
1/6 AD 1
1/6 AD 0
1/6 DBEN
2/6 EXGCS
1/6 TEST*
1/6 M/IO*
1/6 IOR*
1/6 IOW*
1/6 MRD*
1/6 MWR*
1/6 BR*/W
1/6 DBEN*
1/6 HLDA
1/6 INTA*
5/6 INIT*
1/6 RESET*
5/6 BLANK*
XUBE* 5
XAB 19 6
XAB 18 7
XAB 17 8
XAB 16 9
XAB 15 10
XAB 14 11
XAB 13 12
XAB 12 13
XAB 11 14
XAB 10 15
XAB 9 16
XAB 8 17
XAB 7 18
XAB 6 19
XAB 5 20
XAB 4 21
XAB 3 22
XAB 2 23
XAB 1 24
XAB 0 25
XDB 15 26
XDB 14 27
XDB 13 28
XDB 12 29
XDB 11 30
XDB 10 31
XDB 9 32
XDB 8 33
XDB 7 34
XDB 6 35
XDB 5 36
XDB 4 37
XDB 3 38
XDB 2 39
XDB 1 40
XDB 0 41
GND 1
GND 2
GND 3
GND 4
XM/IO* 42
XIOR* 43
XIOW* 44
XMRD* 45
XMWR* 46
XBR*/W 47
XDBEN* 48
GND 49
GND 50
XHLDA* 5
XINTA* 6
XINIT* 7
XRES* 8
XBLANK* 9
DIR
ENG
OC
C
G1
G2

System Control

SY-128/128A BOARD (3/6)

BOARD NO.1-627-125-11 & HIGHER
PCM-3348

BUS2

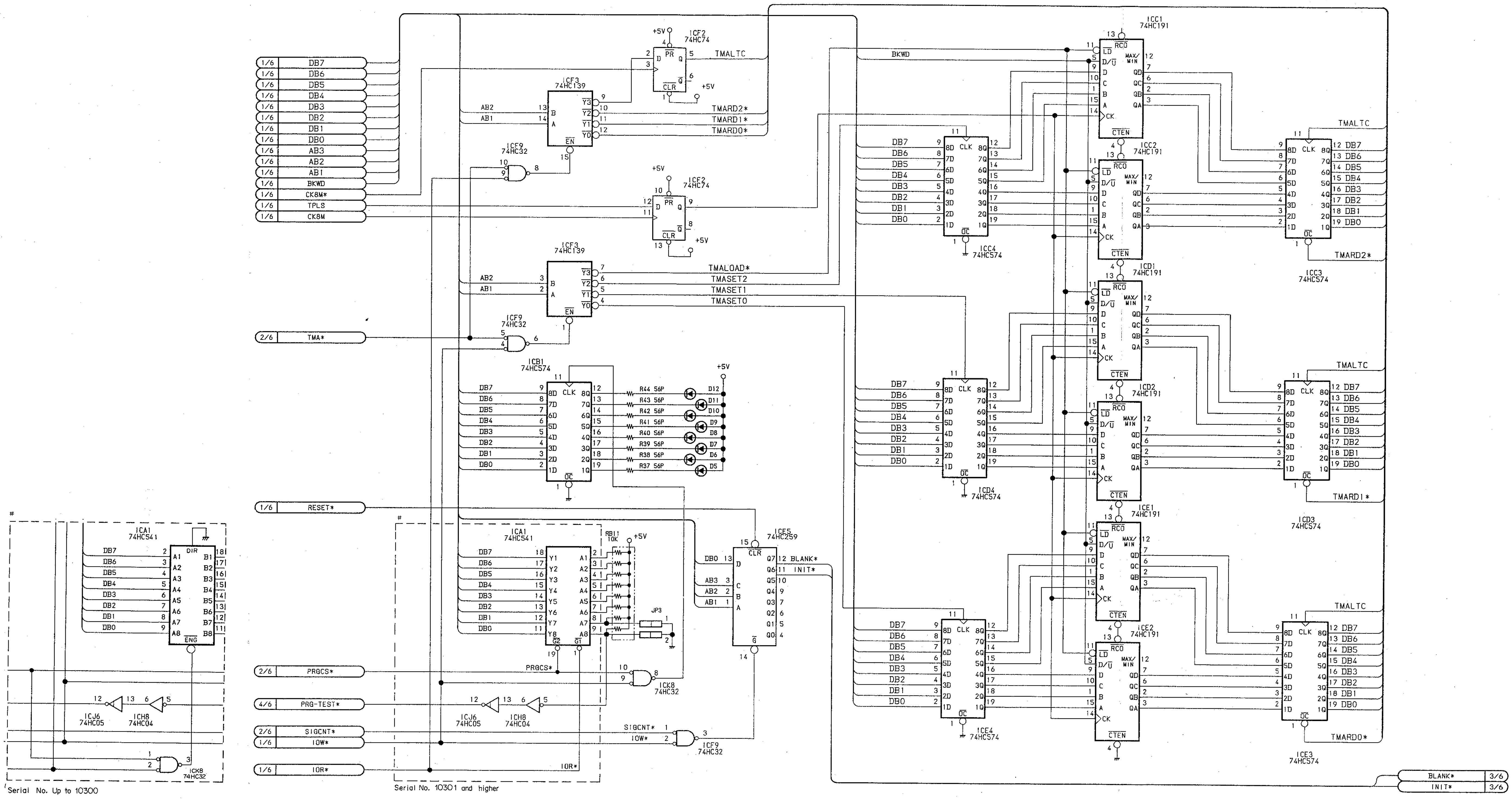

ICG10
74HC541
2/6 BFCNT*
2/6 DPMCNT*
2/6 RMIO*
2/6 DRIO*
A8 A7 A6 A5 A4 A3 A2 A1
Y8 Y7 Y6 Y5 Y4 Y3 Y2 Y1
G1 G2
1/6 HLDA
1/6 XRDY*
ICF10
74HC04
6/6 DACK1*
6/6 DACK0*
6/6 ATN
6/6 FWD
6/6 BKWD
6/6 ITCRD
6/6 KYRQ
ICE9
+5V
RB4
4.7KX7
TP8 HLDRQ
TP16 TPLS
TP9 CKS
ICE9
74HC04
RB1 10K
+5V
1/6 HLDRQ
5/6 TPLS
6/6 CKS
5/6 PRG-TEST*
TP24 CK4M
TP17 CK8M
TP10 CK16M
ICE10
74ALS192N
1/6 CK4M
1/5 CK8M
1/5 CK16M
2A 4A 1A 3A
2Y 2Z 4Y 4Z 1Y 1Z 3Y 3Z
G G
R27 ~ R30
R33, R34
82
R35, R36
68
R30 R29 R28 R27 R26 R25
R36 R35 R34 R33 R32 R31
R25, R26
120
R31, R32
100
CN801
GND 1
GND 2
GND 3
GND 4
CN801
XBFCNT* 10
XDPMCNT* 11
XRMIO* 12
XDRIO* 13
NC 14
NC 15
XRDY* 16
GND 17
XDACK1 18
XDACK0 19
XATN* 20
XFWD* 21
XBKWD* 22
XITCRD* 23
XKEYIN* 24
NC 25
NC 26
NC 27
XHLDRQ* 28
GND 29
XTPLS* 30
GND 31
XCKS* 32
GND 33
XEXTRIG* 34
PRG-TEST* 35
GND 36
GND 37
XCK4M+ 38
XCK4M- 39
GND 40
GND 41
XCK8M+ 42
XCK8M- 43
GND 44
GND 45
XCK16M+ 46
XCK16M- 47
GND 48
GND 49
FGND 50

System Control

SY-128/128A BOARD (4/6)

BOARD NO.1-627-125-11 & HIGHER
PCM-3348

TMA



1/6 DB7
1/6 DB6
1/6 DB5
1/6 DB4
1/6 DB3
1/6 DB2
1/6 DB1
1/6 DB0
1/6 AB3
1/6 AB2
1/6 AB1
1/6 BKWD
1/6 CK8M*
1/6 TPLS
1/6 CK8M
2/6 TMA*
1/6 RESET*
2/6 PRGCS*
4/6 PRG-TEST*
2/6 SIGCNT*
1/6 IOW*
1/6 IOR*
ICF2 74HC74
ICF3 74HC139
ICF9 74HC32
ICB1 74HC574
ICA1 74HC541
ICA1 74HCS41
RB11 10K
JP3
ICE5 74HC259
ICJ6 74HC05
ICH8 74HC04
ICK8 74HC32
ICC1 74HC191
ICC2 74HC191
ICD1 74HC191
ICD2 74HC191
ICE1 74HC191
ICE2 74HC191
ICC4 74HC574
ICD4 74HC574
ICE4 74HC574
ICC3 74HC574
ICD3 74HC574
ICE3 74HC574
TMALTC
TMARD2*
TMARD1*
TMARD0*
TMALOAD*
TMASET2
TMASET1
TMASET0
BKWD
R44 56P
R43 56P
R42 56P
R41 56P
R40 56P
R39 56P
R38 56P
R37 56P
D12
D11
D10
D9
D8
D7
D6
D5
+5V
BLANK*
INIT*
BLANK* 3/6
INIT* 3/6
#
Serial No. Up to 10300
Serial No. 10301 and higher

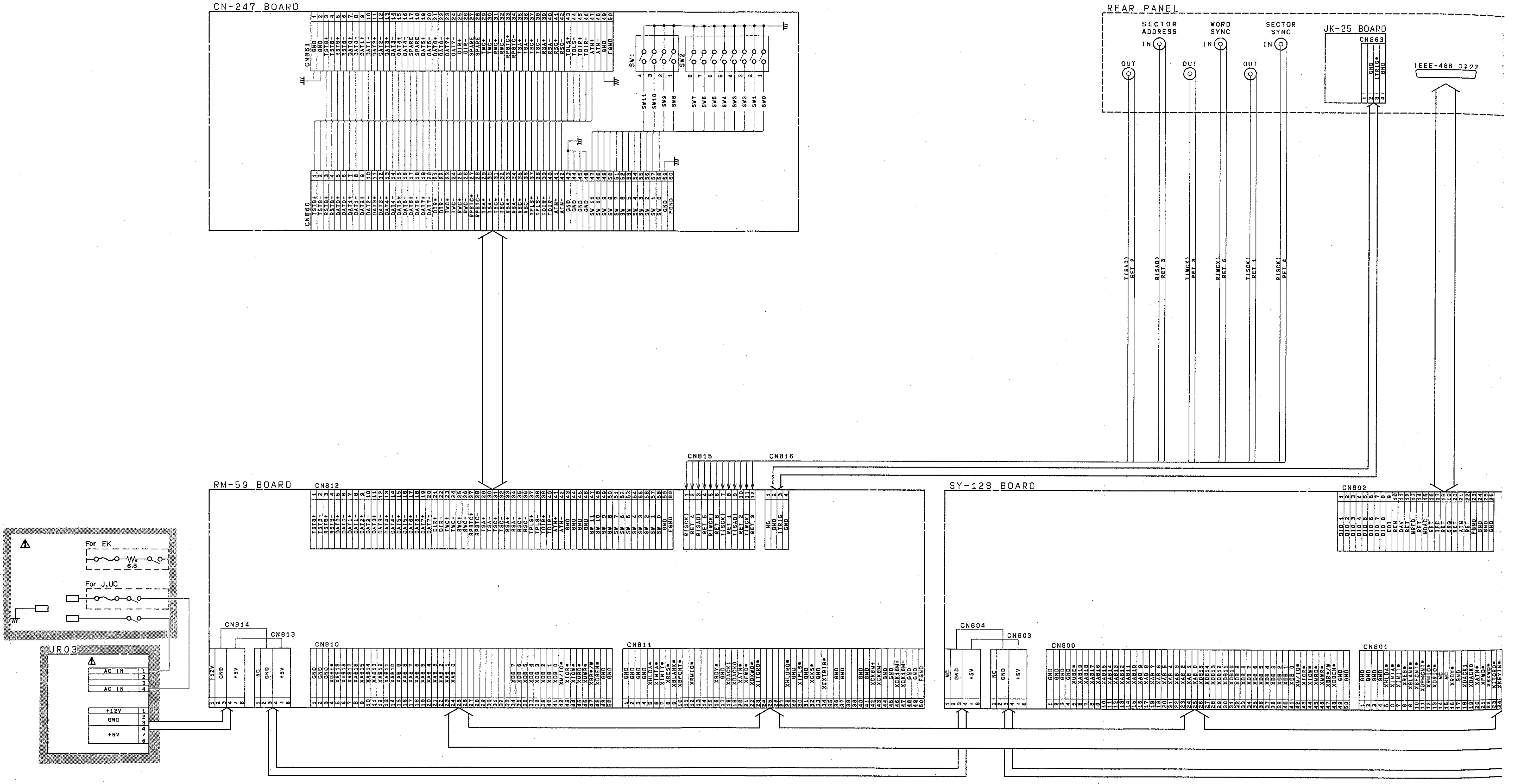
#: Changed Information

Applied Serial No. 10301 and higher	
Parts that have been changed.	ICA1 SN74HC245N → SN74HC541N

System Control

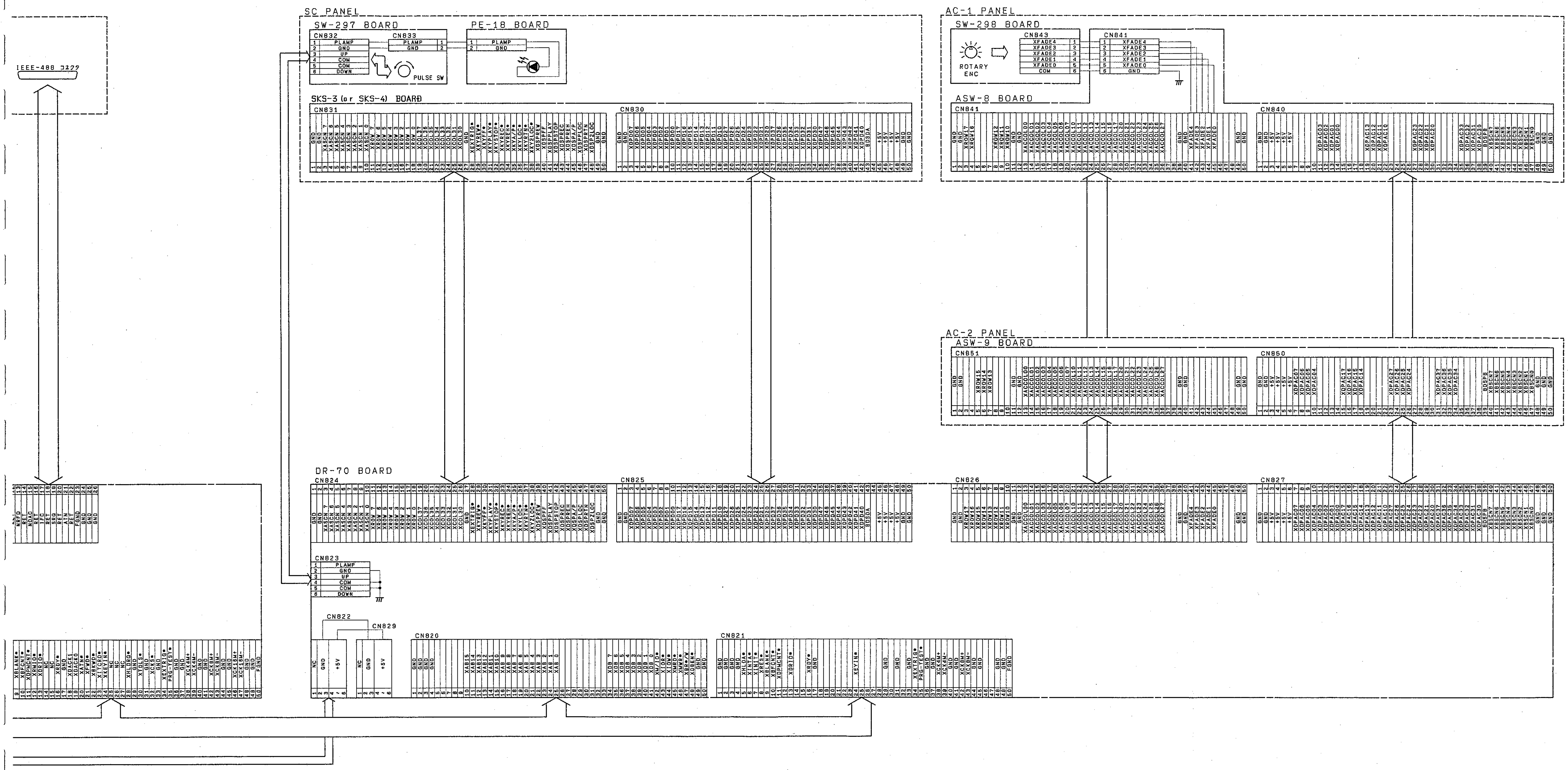
SY-128/128A BOARD (5/6)

BOARD NO.1-627-125-11 & HIGHER
PCM-3348


CN-247 BOARD
CN861
CN860
SW1
SW2
REAR PANEL
SECTOR ADDRESS
WORD SYNC
SECTOR SYNC
IN
OUT
JK-25 BOARD
CN863
IEEE-488
RM-59 BOARD
CN812
CN815
CN816
CN814
CN813
CN810
CN811
SY-128 BOARD
CN802
CN804
CN803
CN800
CN801
For EK
6.8
For J,UC
UR03
AC IN
+12V
GND
+5V

NOTE:

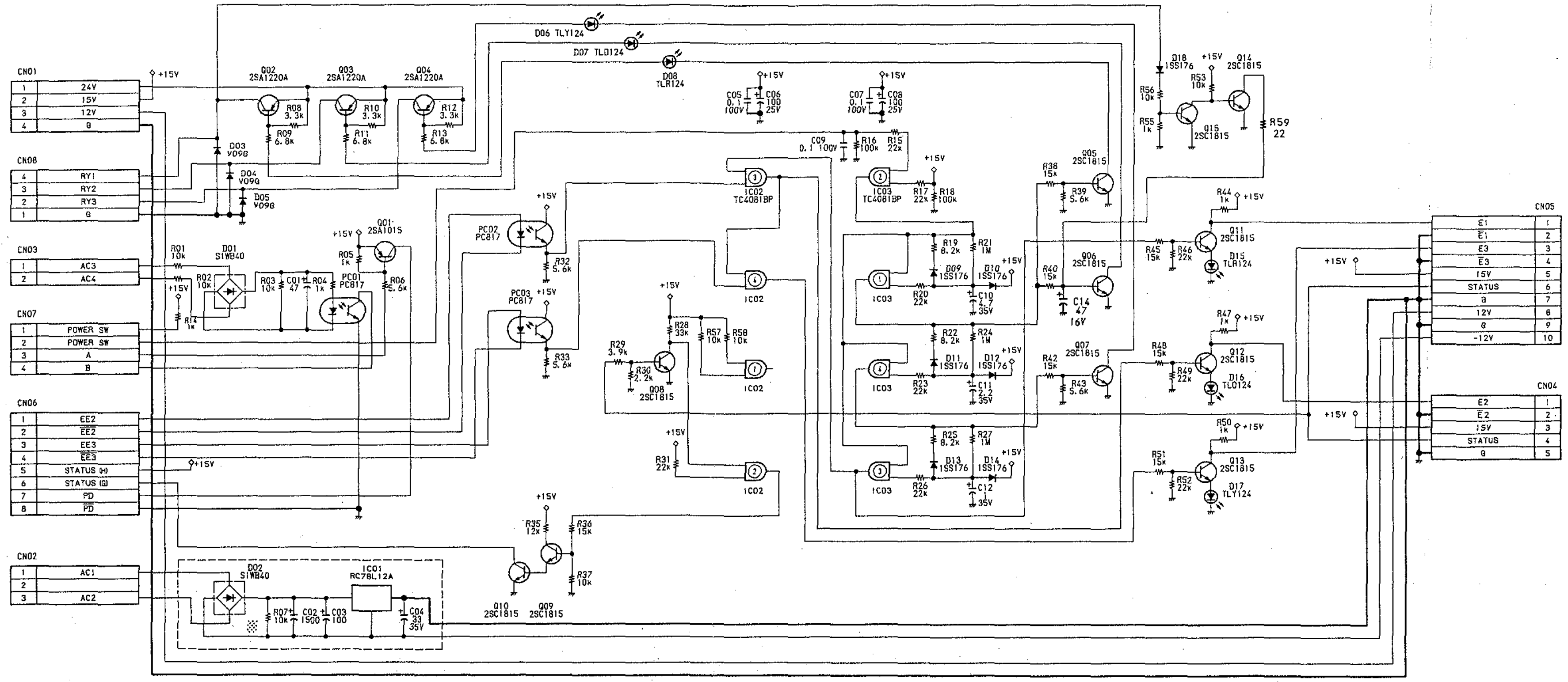
The shaded and ⚠ -marked components are critical to safety.
Replace only with same components as specified.


IEEE-488 コネクタ
SC PANEL
SW-297 BOARD
CN832
CN833
PE-18 BOARD
PULSE SW
PLAMP
GND
UP
COM
DOWN
SKS-3 (or SKS-4) BOARD
CN831
CN830
AC-1 PANEL
SW-298 BOARD
CN843
CN841
ROTARY ENC
XFADE4
XFADE3
XFADE2
XFADE1
XFADE0
ASW-8 BOARD
CN841
CN840
AC-2 PANEL
ASW-9 BOARD
CN851
CN850
DR-70 BOARD
CN824
CN825
CN826
CN827
CN823
CN822
CN829
CN820
CN821

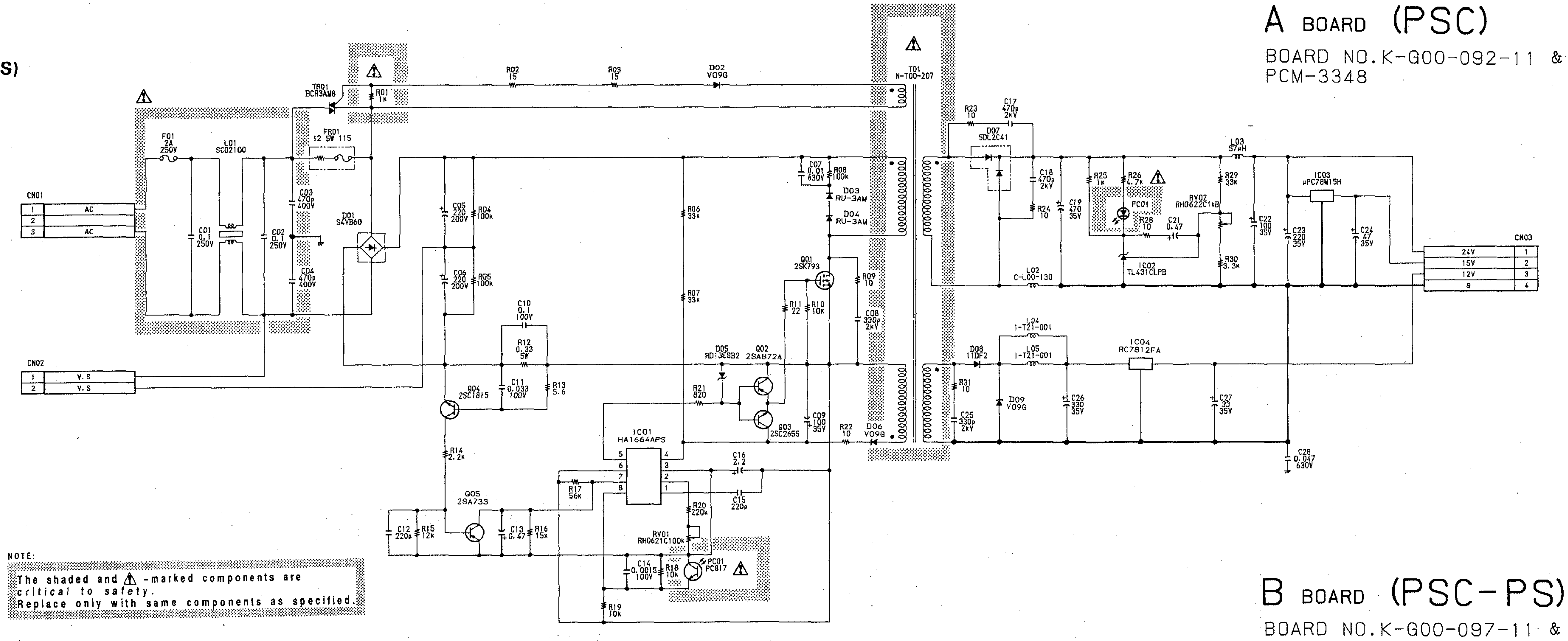
REMOTE FRAME WIRING

PCM-3348

A BOARD (PSC)


CN01
24V
15V
12V
G
CN08
RY1
RY2
RY3
CN03
AC3
AC4
CN07
POWER SW
POWER SW
A
B
CN06
EE1
EE2
EE3
EE3
STATUS (+)
STATUS (G)
PD
PD
CN02
AC1
AC2
Q02 2SA1220A
Q03 2SA1220A
Q04 2SA1220A
D06 TLY124
D07 TLG124
D08 TLR124
Q01 2SA1015
PC01 PC817
PC02 PC817
PC03 PC817
D01 S1WB40
D02 S1WB40
IC01 RC78L12A
IC02 TC4081BP
IC03 TC4081BP
Q05 2SC1815
Q06 2SC1815
Q07 2SC1815
Q08 2SC1815
Q09 2SC1815
Q10 2SC1815
Q11 2SC1815
Q12 2SC1815
Q13 2SC1815
Q14 2SC1815
Q15 2SC1815
D18 1SS176
D15 TLR124
D16 TLG124
D17 TLY124
+15V
CN05
E1
E1
E3
E3
15V
STATUS
G
12V
G
-12V
CN04
E2
E2
15V
STATUS
G

B BOARD (PSC-PS)


CN01
AC
AC
CN02
V.S
V.S
F01 2A 250V
L01 SC02100
C01 0.1 250V
C02 0.1 250V
TR01 BCR3AM8
R01 1k
FR01 12 5W 115
D01 S4VB60
C03 470p 400V
C04 470p 400V
C05 220 200V
C06 220 200V
R02 15
R03 15
D02 V09G
T01 N-T00-207
Q01 2SK793
Q02 2SA872A
Q03 2SC2655
Q04 2SC1815
Q05 2SA733
IC01 HA16664APS
RV01 RH0621C100k
PC01 PC817
D03 RU-3AM
D04 RU-3AM
D05 RD13ESB2
D06 V09B
D07 SDL2C41
D08 11DF2
D09 V09G
IC02 TL431CLPB
IC03 μPC78M15H
IC04 RC7812FA
RV02 RH0622C1kB
L02 C-L00-130
L03 57μH
L04 1-T21-001
L05 1-T21-001
CN03
24V
15V
12V
G

NOTE:
The shaded and ⚠ -marked components are critical to safety.
Replace only with same components as specified.

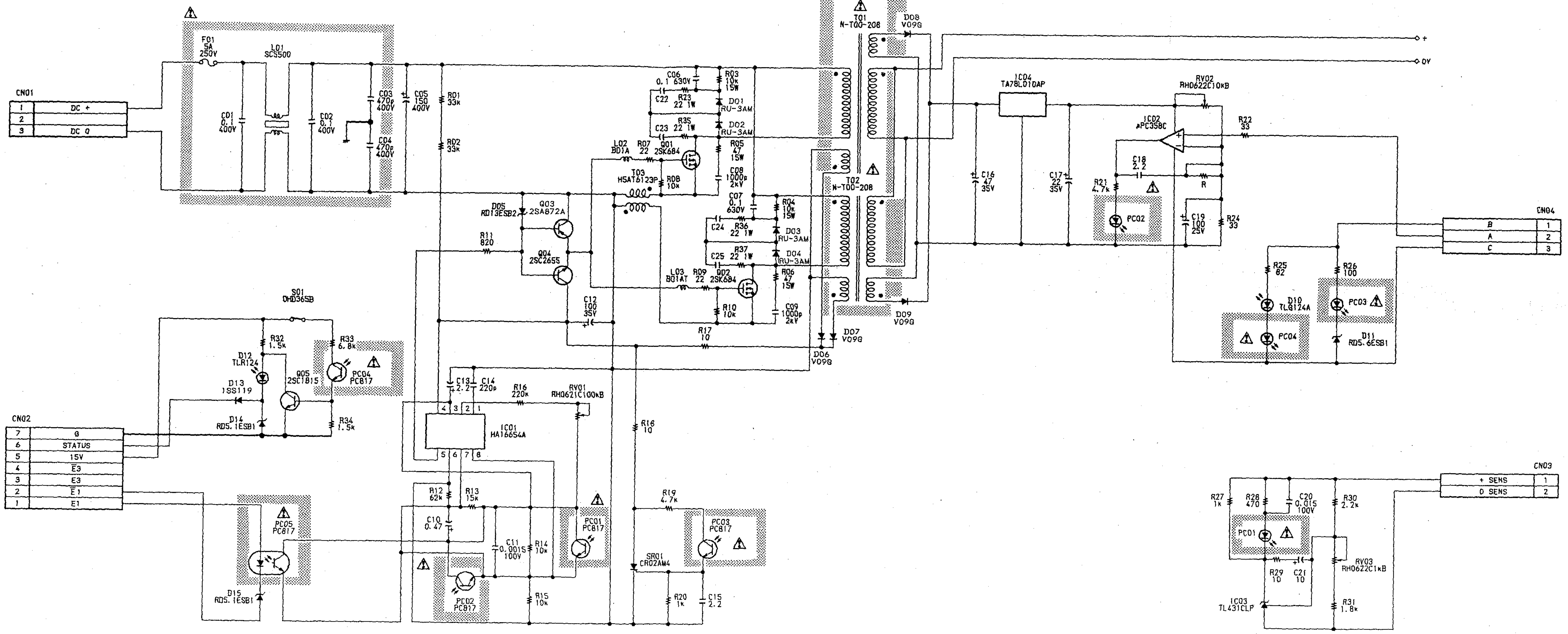
A BOARD (PSC)

BOARD NO.K-G00-092-11 & HIGHER
PCM-3348

B BOARD (PSC-PS)

BOARD NO.K-G00-097-11 & HIGHER
PCM-3348

C BOARD (CH1)


CN01
1 DC +
2
3 DC 0
F01 5A 250V
L01 SC5500
C01 0.1 400V
C02 0.1 400V
C03 470p 400V
C04 470p 400V
C05 150 400V
R01 33k
R02 33k
D05 RD13ESB2
Q03 2SA872A
Q04 2SC2655
R11 820
C06 0.1 630V
C22
R23 22 1W
R35 22 1W
C23
R03 10k 15W
D01 RU-3AM
D02 RU-3AM
R05 47 15W
C08 1000p 2kV
L02 BD1A
R07 22
Q01 2SK684
T03 HSAT6123P
R08 10k
C07 0.1 630V
R04 10k 15W
C24
R36 22 1W
C25
R37 22 1W
D03 RU-3AM
D04 RU-3AM
R06 47 15W
L03 BD1AT
R09 22
Q02 2SK684
R10 10k
C09 1000p 2kV
C12 100 35V
R17 10
T01 N-T00-208
T02 N-T00-208
D06 V09G
D07 V09G
D08 V09G
D09 V09G
+
0V
IC04 TA78L010AP
C16 47 35V
C17 22 35V
RV02 RH0622C10kB
IC02 μPC358C
R22 33
C18 2.2
R21 4.7k
R
PC02
C19 100 25V
R24 33
CN04
B 1
A 2
C 3
R25 82
R26 100
D10 TLG124A
PC03
PC04
D11 RD5.6ESB1
S01 OHD365B
R32 1.5k
R33 6.8k
D12 TLR124
Q05 2SC1815
PC04 PC817
D13 1SS119
D14 RD5.1ESB1
R34 1.5k
CN02
7 G
6 STATUS
5 15V
4 $\overline{E3}$
3 E3
2 $\overline{E1}$
1 E1
PC05 PC817
D15 RD5.1ESB1
C13 2.2
C14 220p
R16 220k
RV01 RH0621C100kB
IC01 HA16654A
R12 62k
R13 15k
C10 0.47
C11 0.0015 100V
R14 10k
R15 10k
PC01 PC817
PC02 PC817
R16 10
R19 4.7k
PC03 PC817
SR01 CR02AM4
R20 1k
C15 2.2
CN03
+ SENS 1
0 SENS 2
R27 1k
R28 470
C20 0.015 100V
R30 2.2k
PC01
RV03 RH0622C1kB
R29 10
C21 10
IC03 TL431CLP
R31 1.8k

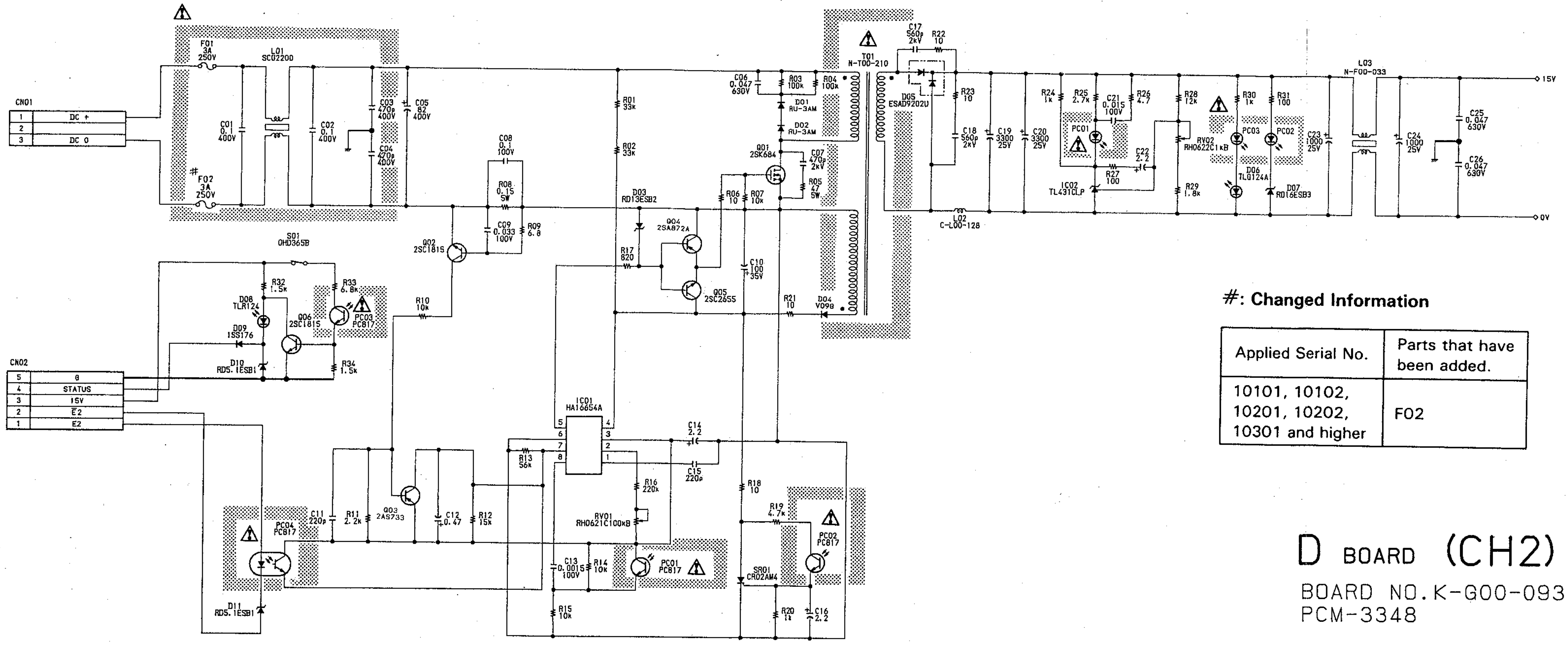
NOTE:

The shaded and ⚠ -marked components are critical to safety.
Replace only with same components as specified.

C BOARD (CH1)

BOARD NO.K-G00-096-12 & HIGHER
PCM-3348

D BOARD (CH2)


CN01
DC +
DC 0
F01 3A 250V
F02 3A 250V
L01 SC02200
C01 0.1 400V
C02 0.1 400V
C03 470p 400V
C04 470p 400V
C05 82 400V
C06 0.047 630V
R01 33k
R02 33k
R03 100k
R04 100k
D01 RU-3AM
D02 RU-3AM
Q01 2SK684
C07 470p 2kV
R05 47 5W
R06 10
R07 10k
C08 0.1 100V
R08 0.15 5W
C09 0.033 100V
R09 6.8
Q02 2SC1815
D03 RD13ESB2
Q04 2SA872A
Q05 2SC2655
R17 820
C10 100 35V
R21 10
D04 V09G
T01 N-T00-210
C17 560p 2kV
R22 10
D05 ESAD9202U
R23 10
C18 560p 2kV
C19 3300 25V
C20 3300 25V
R24 1k
R25 2.7k
C21 0.015 100V
R26 4.7
PC01
C22 2.2
R27 100
IC02 TL431CLP
L02 C-L00-128
R28 12k
RV02 RH0622C1kB
R29 1.8k
R30 1k
R31 100
PC03
PC02
D06 TLG124A
D07 RD16ESB3
C23 1000 25V
L03 N-F00-033
C24 1000 25V
C25 0.047 630V
C26 0.047 630V
15V
0V
S01 OHD365B
R32 1.5k
R33 6.8k
D08 TLR124
Q06 2SC1815
PC03 PC817
D09 1SS176
D10 RD5.1ESB1
R34 1.5k
R10 10k
CN02
G
STATUS
15V
E2
E2
IC01 HA16654A
C14 2.2
C15 220p
R13 56k
R16 220k
RV01 RH0621C100kB
C11 220p
R11 2.2k
Q03 2SA733
C12 0.47
R12 15k
PC04 PC817
D11 RD5.1ESB1
C13 0.0015 100V
R14 10k
PC01 PC817
R15 10k
R18 10
R19 4.7k
PC02 PC817
SR01 CR02AM4
R20 1k
C16 2.2

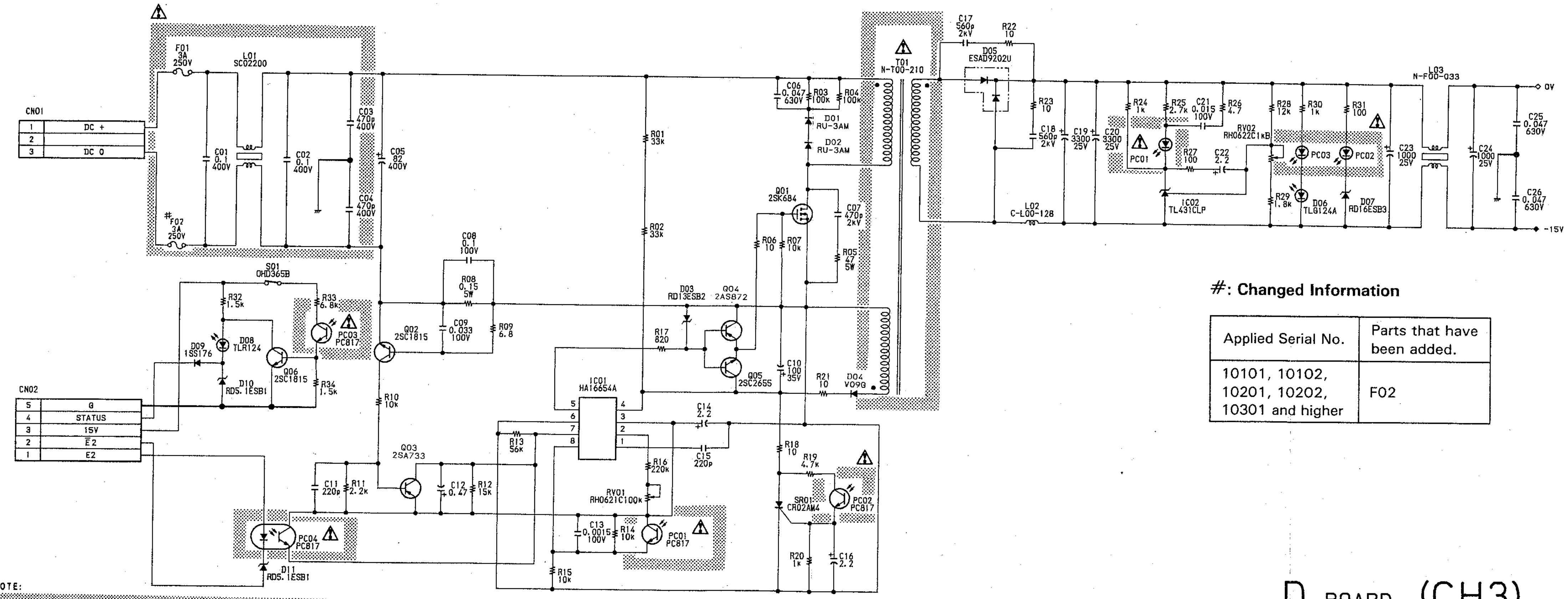
#: Changed Information

Applied Serial No.	Parts that have been added.
10101, 10102, 10201, 10202, 10301 and higher	F02

D BOARD (CH2)

BOARD NO.K-G00-093-11 & HIGHER
PCM-3348

D BOARD (CH3)


CN01
DC +
DC 0
F01 3A 250V
F02 3A 250V
L01 SC02200
C01 0.1 400V
C02 0.1 400V
C03 470p 400V
C04 470p 400V
C05 82 400V
R01 33k
R02 33k
C06 0.047 630V
R03 100k
R04 100k
D01 RU-3AM
D02 RU-3AM
Q01 2SK684
C07 470p 2kV
R05 47 5W
R06 10
R07 10k
C08 0.1 100V
R08 0.15 5W
C09 0.033 100V
R09 6.8
Q02 2SC1815
D03 RD13ESB2
Q04 2AS872
Q05 2SC2655
R17 820
C10 100 35V
R21 10
D04 V09G
T01 N-T00-210
C17 560p 2kV
R22 10
D05 ESAD9202U
R23 10
C18 560p 2kV
C19 3300 25V
C20 3300 25V
R24 1k
R25 2.7k
C21 0.015 100V
R26 4.7
PC01
R27 100
C22 2.2
IC02 TL431CLP
L02 C-L00-128
R28 12k
RV02 RH0622C1kB
R29 1.8k
R30 1k
R31 100
PC03
PC02
D06 TLG124A
D07 RD16ESB3
C23 1000 25V
L03 N-F00-033
C24 1000 25V
C25 0.047 630V
C26 0.047 630V
0V
-15V
S01 OHD365B
R32 1.5k
R33 6.8k
PC03 PC817
D09 1SS176
D08 TLR124
Q06 2SC1815
D10 RD5.1ESB1
R34 1.5k
R10 10k
CN02
G
STATUS
15V
E2
E2
IC01 HA16654A
C14 2.2
C15 220p
R13 56k
R16 220k
RV01 RH0621C100k
Q03 2SA733
C11 220p
R11 2.2k
C12 0.47
R12 15k
PC04 PC817
D11 RD5.1ESB1
C13 0.0015 100V
R14 10k
PC01 PC817
R15 10k
R18 10
R19 4.7k
SR01 CR02AM4
PC02 PC817
R20 1k
C16 2.2

NOTE:
The shaded and ⚠ -marked components are critical to safety.
Replace only with same components as specified.

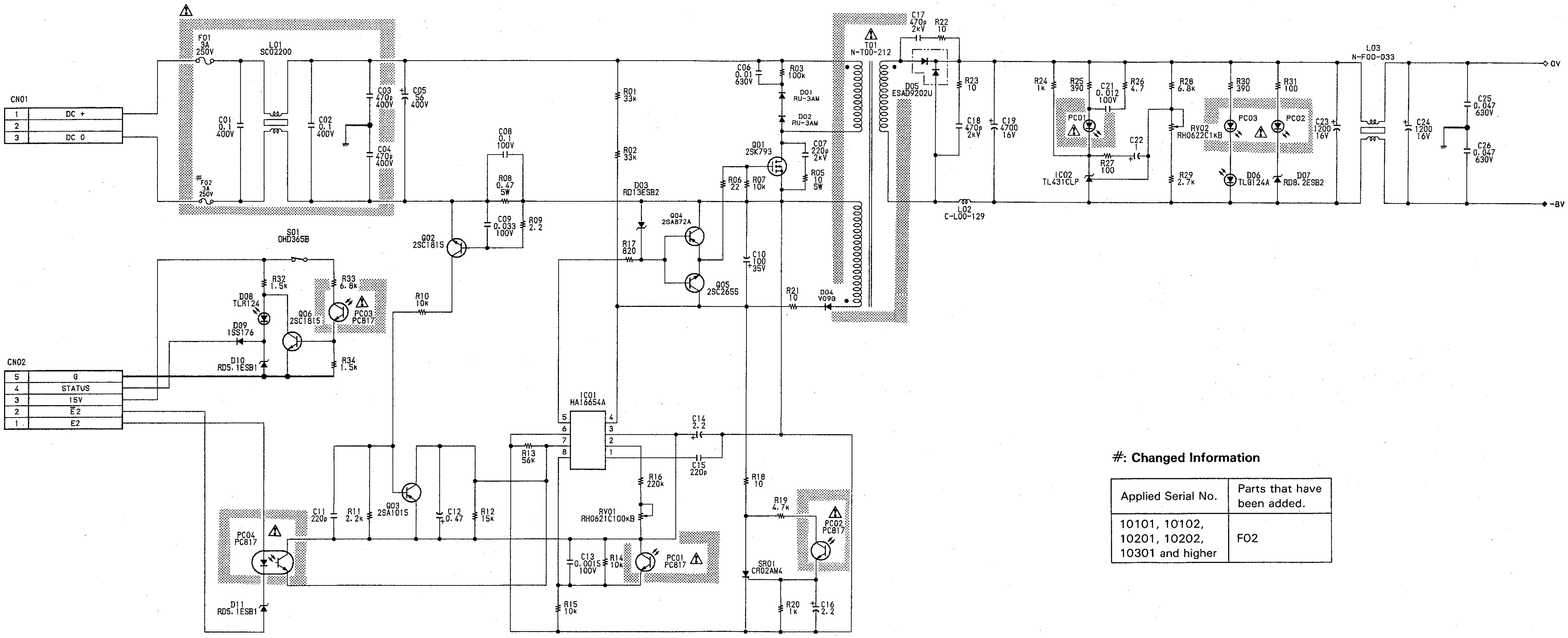
#: Changed Information

Applied Serial No.	Parts that have been added.
10101, 10102, 10201, 10202, 10301 and higher	F02

D BOARD (CH3)

BOARD NO.K-G00-093-11 & HIGHER
PCM-3348

E BOARD (CH4)


CN01
1 DC +
2
3 DC 0
F01 3A 250V
#F02 3A 250V
L01 SC02200
C01 0.1 400V
C02 0.1 400V
C03 470p 400V
C04 470p 400V
C05 56 400V
C08 0.1 100V
R08 0.47 5W
C09 0.033 100V
R09 2.2
Q02 2SC1815
R01 33k
R02 33k
D03 RD13ESB2
R17 820
Q04 2SA872A
Q05 2SC2655
C06 0.01 630V
R03 100k
D01 RU-3AM
D02 RU-3AM
Q01 2SK793
C07 220p 2kV
R05 10 5W
R06 22
R07 10k
C10 100 35V
R21 10
D04 V09B
T01 N-T00-212
C17 470p 2kV
R22 10
D05 ESAD92O2U
R23 10
C18 470p 2kV
C19 4700 16V
L02 C-L00-129
R24 1k
R25 390
C21 0.012 100V
R26 4.7
PC01
R27 100
C22
IC02 TL431CLP
R28 6.8k
RV02 RH0622C1kB
R29 2.7k
R30 390
R31 100
PC03
PC02
D06 TLG124A
D07 RD8.2ESB2
C23 1200 16V
L03 N-F00-033
C24 1200 16V
C25 0.047 630V
C26 0.047 630V
0V
-BV
S01 OHD365B
R32 1.5k
R33 6.8k
PC03 PC817
D08 TLR124
D09 1SS176
Q06 2SC1815
R34 1.5k
D10 RD5.1ESB1
R10 10k
CN02
5 G
4 STATUS
3 15V
2 E2
1 E2
IC01 HA16654A
R13 56k
C14 2.2
C15 220p
R16 220k
RV01 RH0621C100kB
C11 220p
R11 2.2k
Q03 2SA1015
C12 0.47
R12 15k
PC04 PC817
D11 RD5.1ESB1
C13 0.0015 100V
R14 10k
PC01 PC817
R15 10k
R18 10
R19 4.7k
PC02 PC817
SR01 CR02AM4
R20 1k
C16 2.2

NOTE:

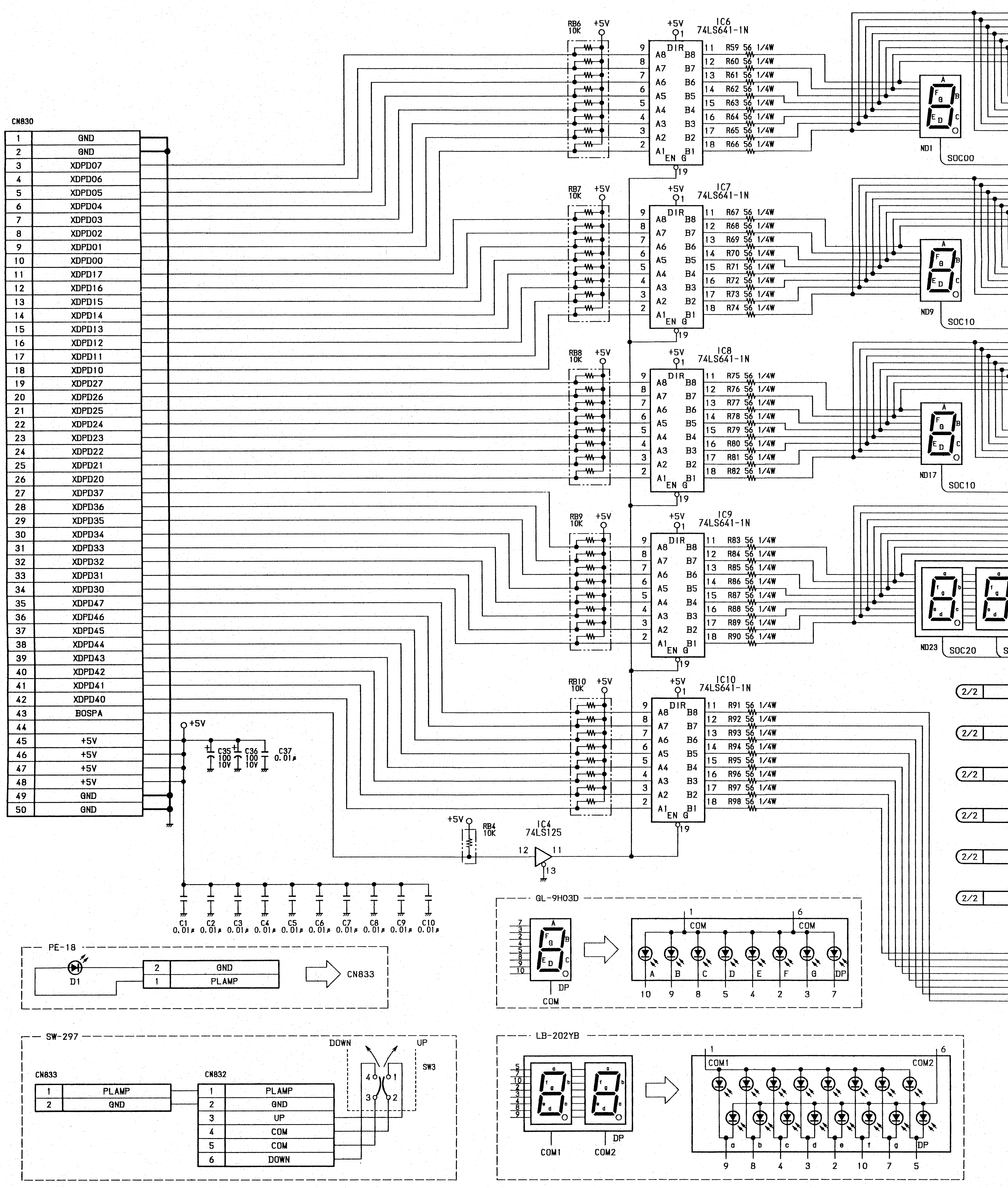
The shaded and ⚠ -marked components are critical to safety.
Replace only with same components as specified.

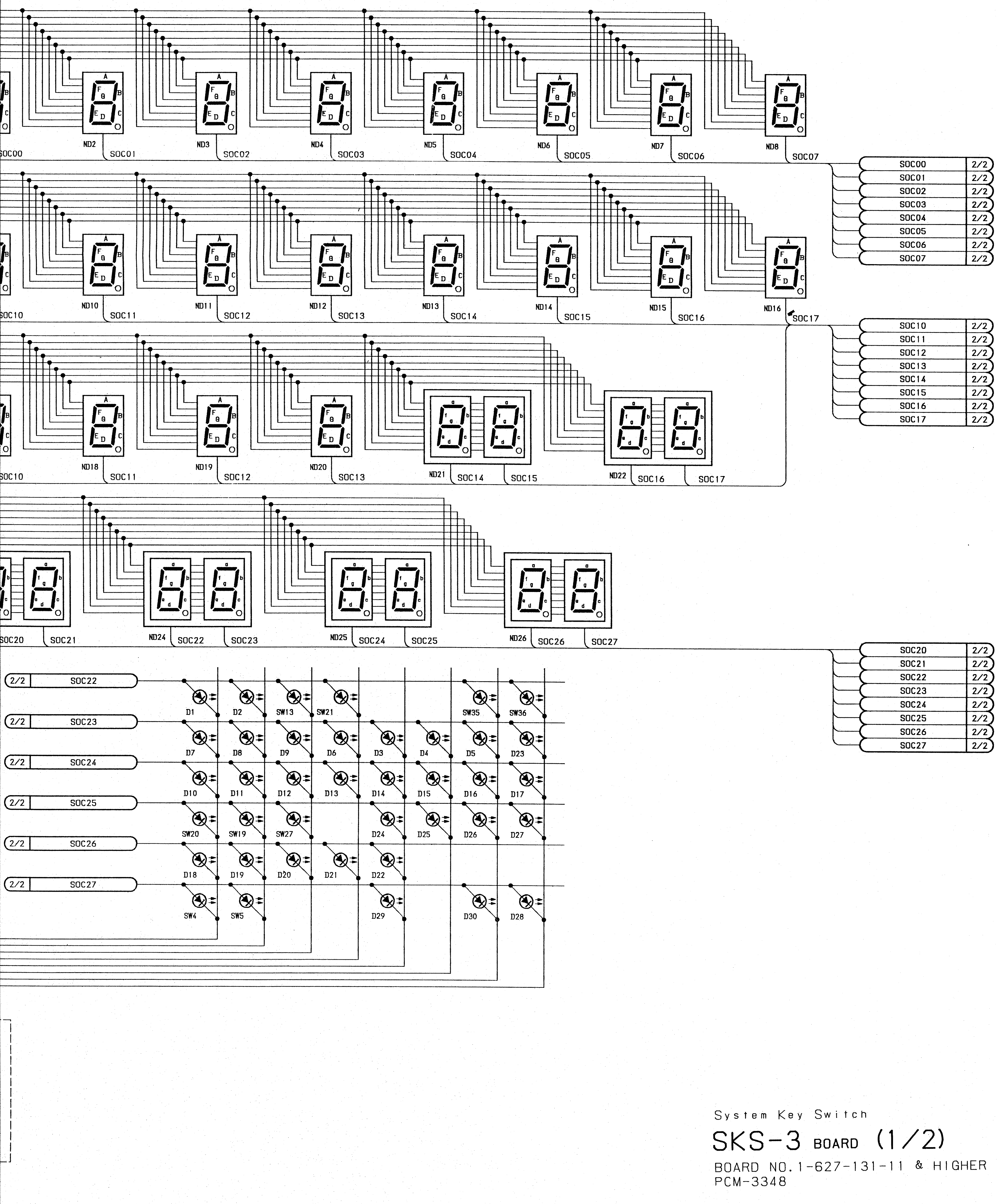
#: Changed Information

Applied Serial No.	Parts that have been added.
10101, 10102, 10201, 10202, 10301 and higher	F02

E BOARD (CH4)

BOARD NO.K-G00-093-11 & HIGHER
PCM-3348


CN830
1 GND
2 GND
3 XDPD07
4 XDPD06
5 XDPD05
6 XDPD04
7 XDPD03
8 XDPD02
9 XDPD01
10 XDPD00
11 XDPD17
12 XDPD16
13 XDPD15
14 XDPD14
15 XDPD13
16 XDPD12
17 XDPD11
18 XDPD10
19 XDPD27
20 XDPD26
21 XDPD25
22 XDPD24
23 XDPD23
24 XDPD22
25 XDPD21
26 XDPD20
27 XDPD37
28 XDPD36
29 XDPD35
30 XDPD34
31 XDPD33
32 XDPD32
33 XDPD31
34 XDPD30
35 XDPD47
36 XDPD46
37 XDPD45
38 XDPD44
39 XDPD43
40 XDPD42
41 XDPD41
42 XDPD40
43 BOSPA
44
45 +5V
46 +5V
47 +5V
48 +5V
49 GND
50 GND
RB6 10K
RB7 10K
RB8 10K
RB9 10K
RB10 10K
+5V
IC6 74LS641-1N
IC7 74LS641-1N
IC8 74LS641-1N
IC9 74LS641-1N
IC10 74LS641-1N
DIR
A8 A7 A6 A5 A4 A3 A2 A1
B8 B7 B6 B5 B4 B3 B2 B1
EN G
19
R59 56 1/4W
R60 56 1/4W
R61 56 1/4W
R62 56 1/4W
R63 56 1/4W
R64 56 1/4W
R65 56 1/4W
R66 56 1/4W
R67 56 1/4W
R68 56 1/4W
R69 56 1/4W
R70 56 1/4W
R71 56 1/4W
R72 56 1/4W
R73 56 1/4W
R74 56 1/4W
R75 56 1/4W
R76 56 1/4W
R77 56 1/4W
R78 56 1/4W
R79 56 1/4W
R80 56 1/4W
R81 56 1/4W
R82 56 1/4W
R83 56 1/4W
R84 56 1/4W
R85 56 1/4W
R86 56 1/4W
R87 56 1/4W
R88 56 1/4W
R89 56 1/4W
R90 56 1/4W
R91 56 1/4W
R92 56 1/4W
R93 56 1/4W
R94 56 1/4W
R95 56 1/4W
R96 56 1/4W
R97 56 1/4W
R98 56 1/4W
ND1 SOC00
ND9 SOC10
ND17 SOC10
ND23 SOC20
2/2
C35 100 10V
C36 100 10V
C37 0.01μ
C1 0.01μ
C2 0.01μ
C3 0.01μ
C4 0.01μ
C5 0.01μ
C6 0.01μ
C7 0.01μ
C8 0.01μ
C9 0.01μ
C10 0.01μ
RB4 10K
IC4 74LS125
12 11 13
PE-18
D1
2 GND
1 PLAMP
CN833
GL-9H03D
COM
DP
A B C D E F G DP
10 9 8 5 4 2 3 7
SW-297
CN833
1 PLAMP
2 GND
CN832
1 PLAMP
2 GND
3 UP
4 COM
5 COM
6 DOWN
DOWN UP
SW3
LB-202YB
COM1 COM2
DP
a b c d e f g DP
9 8 4 3 2 10 7 5


ND2
ND3
ND4
ND5
ND6
ND7
ND8
SOC00
SOC01
SOC02
SOC03
SOC04
SOC05
SOC06
SOC07
ND10
ND11
ND12
ND13
ND14
ND15
ND16
SOC10
SOC11
SOC12
SOC13
SOC14
SOC15
SOC16
SOC17
ND18
ND19
ND20
ND21
ND22
ND24
ND25
ND26
SOC20
SOC21
SOC22
SOC23
SOC24
SOC25
SOC26
SOC27
2/2
A
B
C
D
E
F
G
D1
D2
SW13
SW21
SW35
SW36
D7
D8
D9
D6
D3
D4
D5
D23
D10
D11
D12
D13
D14
D15
D16
D17
SW20
SW19
SW27
D24
D25
D26
D27
D18
D19
D20
D21
D22
SW4
SW5
D29
D30
D28

System Key Switch

SKS-3 BOARD (1/2)

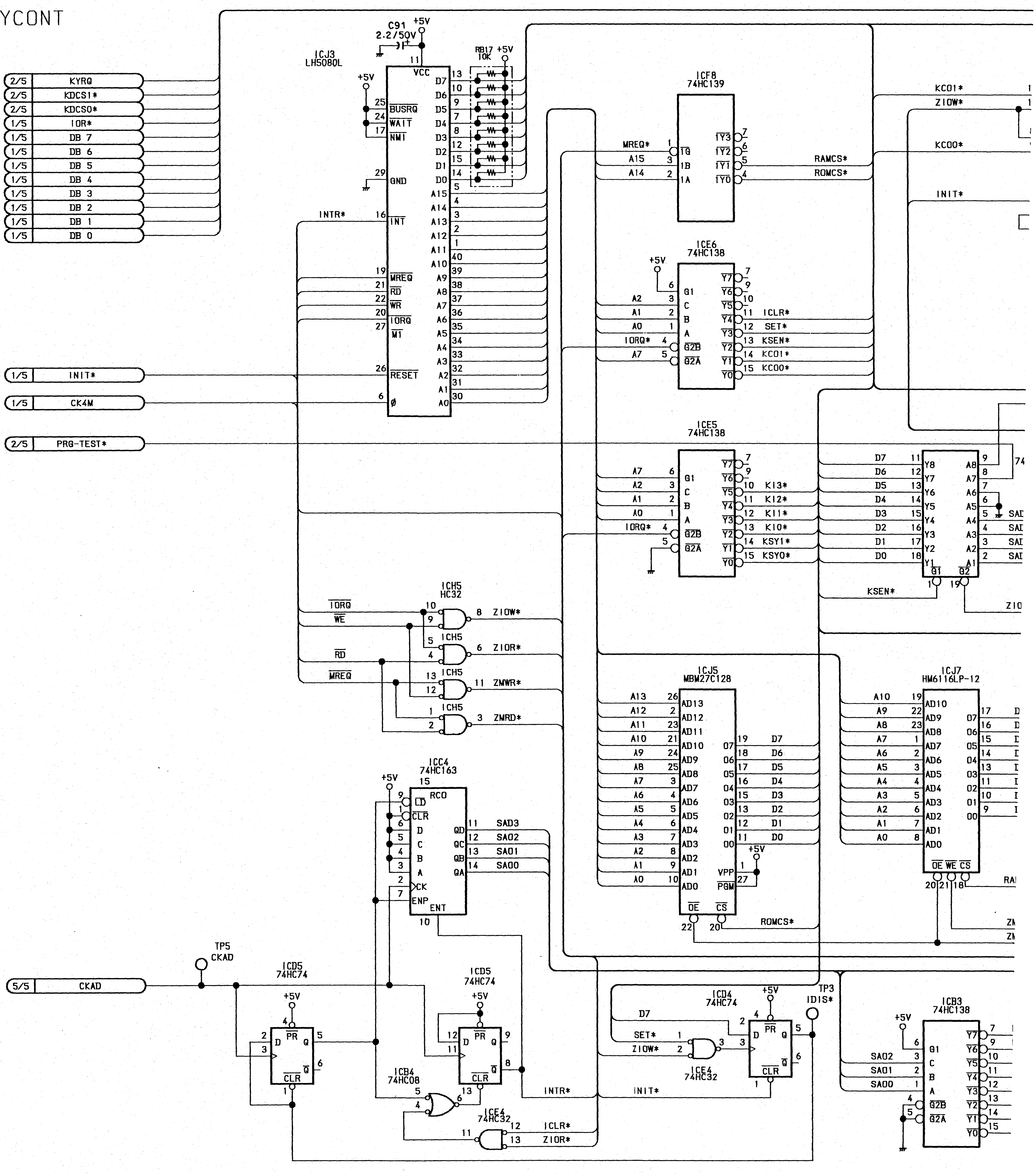
BOARD NO.1-627-131-11 & HIGHER
PCM-3348

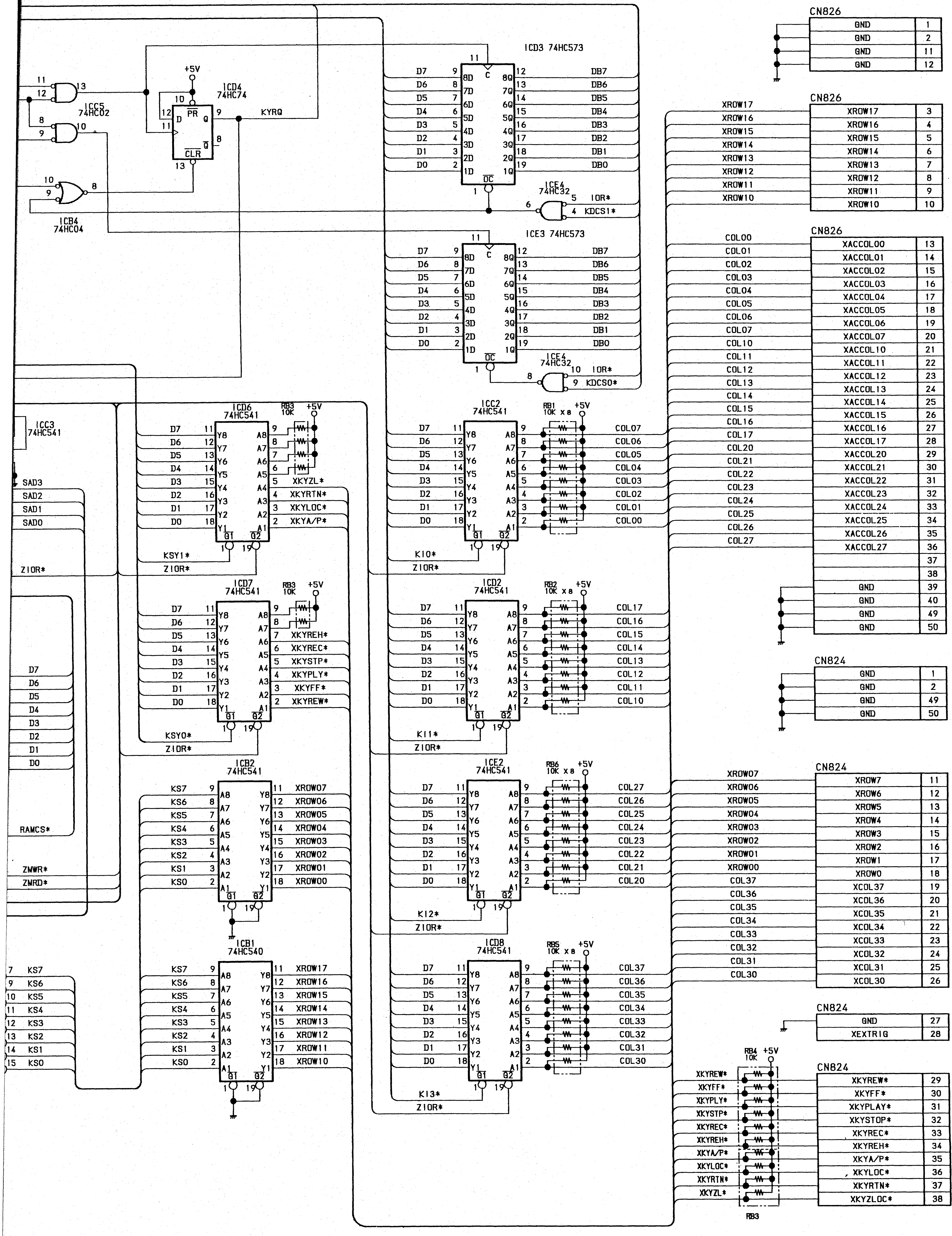
Switch

SW-297 BOARD

BOARD NO.1-627-132-11 & HIGHER
PCM-3348

KYCONT

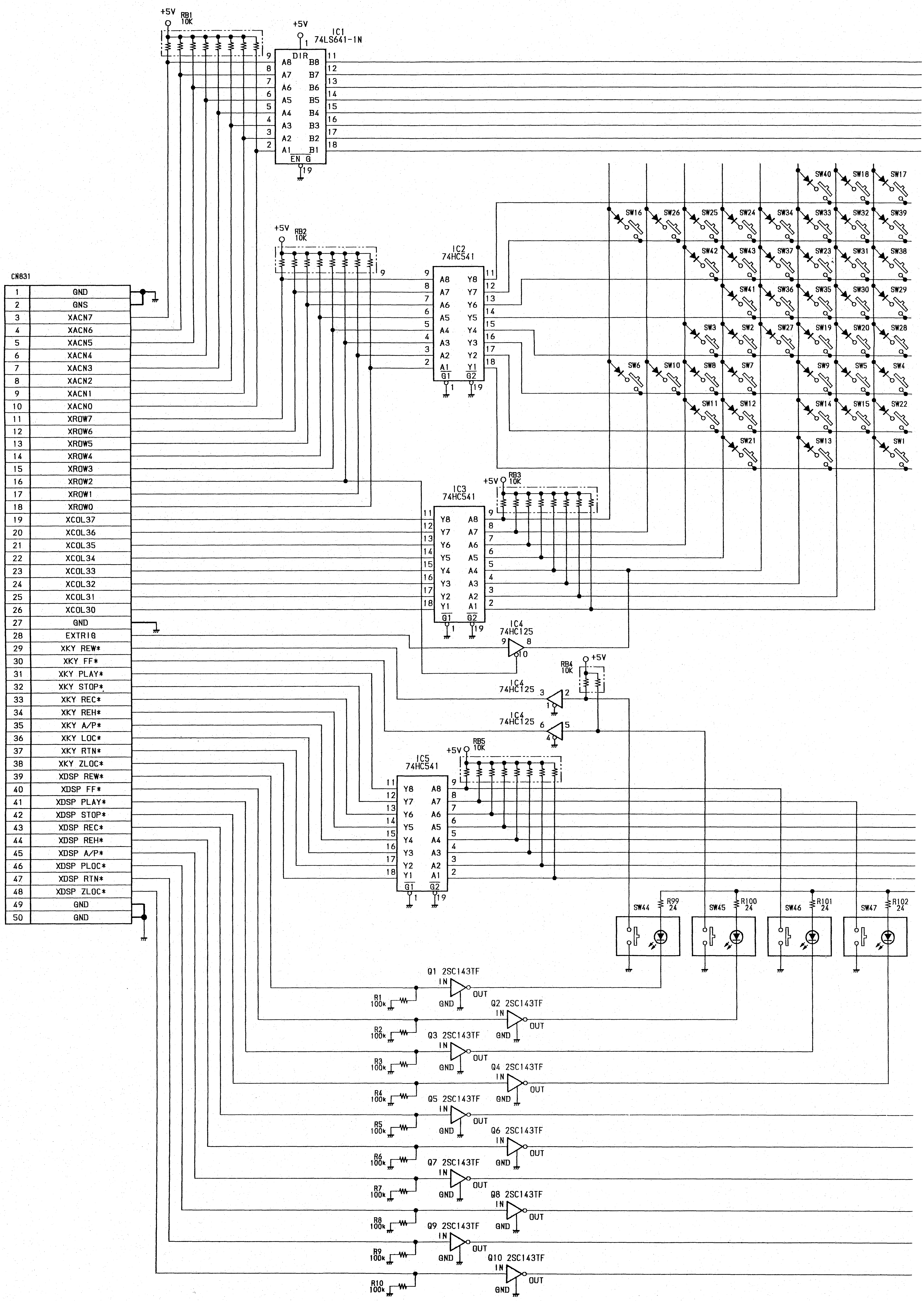

2/5 KYRQ
2/5 KDCS1*
2/5 KDCS0*
1/5 IOR*
1/5 DB 7
1/5 DB 6
1/5 DB 5
1/5 DB 4
1/5 DB 3
1/5 DB 2
1/5 DB 1
1/5 DB 0
1/5 INIT*
1/5 CK4M
2/5 PRG-TEST*
5/5 CKAD
C91 2.2/50V
+5V
ICJ3 LH5080L
VCC
BUSRQ
WAIT
NMI
GND
INT
MREQ
RD
WR
IORQ
M1
RESET
Ø
D7 D6 D5 D4 D3 D2 D1 D0
A15 A14 A13 A12 A11 A10 A9 A8 A7 A6 A5 A4 A3 A2 A1 A0
RB17 10K
INTR*
ICF8 74HC139
MREQ*
A15
A14
1G 1B 1A
1Y3 1Y2 1Y1 1Y0
RAMCS*
ROMCS*
ICE6 74HC138
G1 C B A G2B G2A
Y7 Y6 Y5 Y4 Y3 Y2 Y1 Y0
IORQ*
ICLR*
SET*
KSEN*
KC01*
KC00*
ICE5 74HC138
K13*
K12*
K11*
K10*
KSY1*
KSY0*
ICH5 HC32
IORQ
WE
RD
MREQ
ZIOW*
ZIOR*
ZMWR*
ZMRD*
ICC4 74HC163
LD CLR D C B A CK ENP ENT RCO
QD QC QB QA
SAD3
SA02
SA01
SA00
TP5 CKAD
ICD5 74HC74
PR CLR D Q
ICB4 74HC08
ICE4 74HC32
INTR*
INIT*
ICLR*
ZIOR*
ICD4 74HC74
D7
SET*
ZIOW*
TP3 IDIS*
ICJ5 MBM27C128
AD13 AD12 AD11 AD10 AD9 AD8 AD7 AD6 AD5 AD4 AD3 AD2 AD1 AD0
O7 O6 O5 O4 O3 O2 O1 O0
VPP PGM OE CS
A13 A12 A11 A10 A9 A8 A7 A6 A5 A4 A3 A2 A1 A0
D7 D6 D5 D4 D3 D2 D1 D0
ROMCS*
ICJ7 HM6116LP-12
AD10 AD9 AD8 AD7 AD6 AD5 AD4 AD3 AD2 AD1 AD0
O7 O6 O5 O4 O3 O2 O1 O0
OE WE CS
KC01*
ZIOW*
KC00*
INIT*
Y8 Y7 Y6 Y5 Y4 Y3 Y2 Y1
A8 A7 A6 A5 A4 A3 A2 A1
G1 G2
KSEN*
ICB3 74HC138
SA02
SA01
SA00

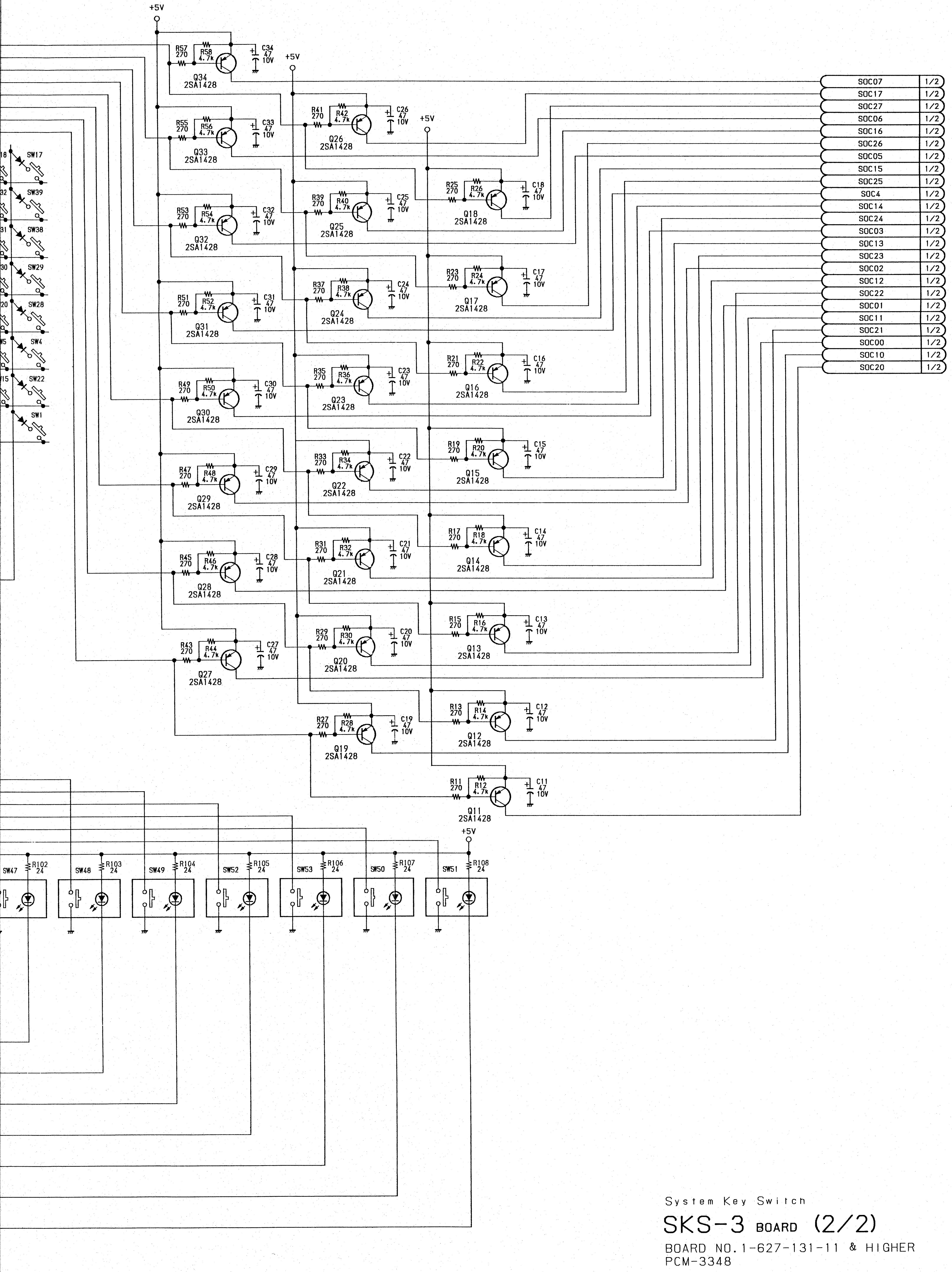

ICD3 74HC573
ICE3 74HC573
ICD4 74HC74
ICC5 74HC02
ICB4 74HC04
ICE4 74HC32
ICC3 74HC541
ICD6 74HC541
ICD7 74HC541
ICB2 74HC541
ICB1 74HC540
ICC2 74HC541
ICD2 74HC541
ICE2 74HC541
ICD8 74HC541
RB1 10K x8
RB2 10K x8
RB3 10K
RB4 10K
RB5 10K x8
RB6 10K x8
+5V
KYRQ
IOR*
KDCS1*
KDCS0*
ZIOR*
KSY1*
KSY0*
KI0*
KI1*
KI2*
KI3*
SAD3
SAD2
SAD1
SAD0
RAMCS*
ZMWR*
ZMRD*
D7
D6
D5
D4
D3
D2
D1
D0
DB7
DB6
DB5
DB4
DB3
DB2
DB1
DB0
KS7
KS6
KS5
KS4
KS3
KS2
KS1
KS0
XKYZL*
XKYRTN*
XKYLOC*
XKYA/P*
XKYREH*
XKYREC*
XKYSTP*
XKYPLY*
XKYFF*
XKYREW*
XROW07
XROW06
XROW05
XROW04
XROW03
XROW02
XROW01
XROW00
XROW17
XROW16
XROW15
XROW14
XROW13
XROW12
XROW11
XROW10
COL00
COL01
COL02
COL03
COL04
COL05
COL06
COL07
COL10
COL11
COL12
COL13
COL14
COL15
COL16
COL17
COL20
COL21
COL22
COL23
COL24
COL25
COL26
COL27
COL30
COL31
COL32
COL33
COL34
COL35
COL36
COL37
CN826
GND 1
GND 2
GND 11
GND 12
XROW17 3
XROW16 4
XROW15 5
XROW14 6
XROW13 7
XROW12 8
XROW11 9
XROW10 10
XACCOL00 13
XACCOL01 14
XACCOL02 15
XACCOL03 16
XACCOL04 17
XACCOL05 18
XACCOL06 19
XACCOL07 20
XACCOL10 21
XACCOL11 22
XACCOL12 23
XACCOL13 24
XACCOL14 25
XACCOL15 26
XACCOL16 27
XACCOL17 28
XACCOL20 29
XACCOL21 30
XACCOL22 31
XACCOL23 32
XACCOL24 33
XACCOL25 34
XACCOL26 35
XACCOL27 36
37
38
GND 39
GND 40
GND 49
GND 50
CN824
GND 1
GND 2
GND 49
GND 50
XROW7 11
XROW6 12
XROW5 13
XROW4 14
XROW3 15
XROW2 16
XROW1 17
XROW0 18
XCOL37 19
XCOL36 20
XCOL35 21
XCOL34 22
XCOL33 23
XCOL32 24
XCOL31 25
XCOL30 26
GND 27
XEXTRIG 28
XKYREW* 29
XKYFF* 30
XKYPLAY* 31
XKYSTOP* 32
XKYREC* 33
XKYREH* 34
XKYA/P* 35
XKYLOC* 36
XKYRTN* 37
XKYZLOC* 38

Driver

DR-70 BOARD (4/5)

BOARD NO.1-627-127-11 & HIGHER
PCM-3348

+5V
RB1 10K
IC1 74LS641-1N
DIR
A8 A7 A6 A5 A4 A3 A2 A1
B8 B7 B6 B5 B4 B3 B2 B1
EN G
RB2 10K
IC2 74HC541
RB3 10K
IC3 74HC541
IC4 74HC125
RB4 10K
IC5 74HC541
RB5 10K
Y8 Y7 Y6 Y5 Y4 Y3 Y2 Y1
G1 G2
CN831
1 GND
2 GNS
3 XACN7
4 XACN6
5 XACN5
6 XACN4
7 XACN3
8 XACN2
9 XACN1
10 XACN0
11 XROW7
12 XROW6
13 XROW5
14 XROW4
15 XROW3
16 XROW2
17 XROW1
18 XROW0
19 XCOL37
20 XCOL36
21 XCOL35
22 XCOL34
23 XCOL33
24 XCOL32
25 XCOL31
26 XCOL30
27 GND
28 EXTRIG
29 XKY REW*
30 XKY FF*
31 XKY PLAY*
32 XKY STOP*
33 XKY REC*
34 XKY REH*
35 XKY A/P*
36 XKY LOC*
37 XKY RTN*
38 XKY ZLOC*
39 XDSP REW*
40 XDSP FF*
41 XDSP PLAY*
42 XDSP STOP*
43 XDSP REC*
44 XDSP REH*
45 XDSP A/P*
46 XDSP PLOC*
47 XDSP RTN*
48 XDSP ZLOC*
49 GND
50 GND
SW40 SW18 SW17
SW16 SW26 SW25 SW24 SW34 SW33 SW32 SW39
SW42 SW43 SW37 SW23 SW31 SW38
SW41 SW36 SW35 SW30 SW29
SW3 SW2 SW27 SW19 SW20 SW28
SW6 SW10 SW8 SW7 SW9 SW5 SW4
SW11 SW12 SW14 SW15 SW22
SW21 SW13 SW1
SW44 R99 24
SW45 R100 24
SW46 R101 24
SW47 R102 24
Q1 2SC143TF
Q2 2SC143TF
Q3 2SC143TF
Q4 2SC143TF
Q5 2SC143TF
Q6 2SC143TF
Q7 2SC143TF
Q8 2SC143TF
Q9 2SC143TF
Q10 2SC143TF
IN OUT GND
R1 100k
R2 100k
R3 100k
R4 100k
R5 100k
R6 100k
R7 100k
R8 100k
R9 100k
R10 100k

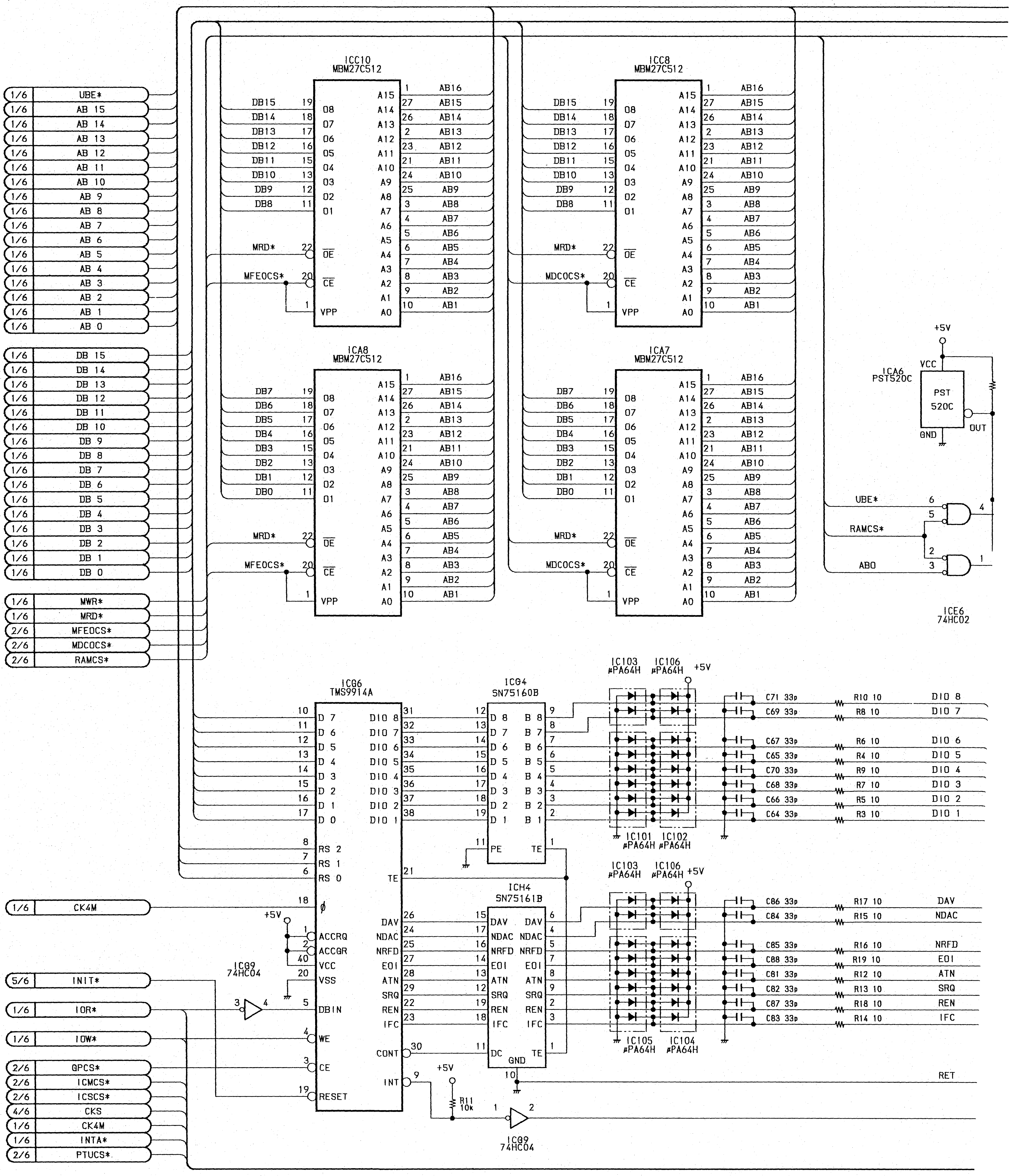

+5V
R57 270
R58 4.7k
Q34 2SA1428
C34 47 10V
R55 270
R56 4.7k
Q33 2SA1428
C33 47 10V
R53 270
R54 4.7k
Q32 2SA1428
C32 47 10V
R51 270
R52 4.7k
Q31 2SA1428
C31 47 10V
R49 270
R50 4.7k
Q30 2SA1428
C30 47 10V
R47 270
R48 4.7k
Q29 2SA1428
C29 47 10V
R45 270
R46 4.7k
Q28 2SA1428
C28 47 10V
R43 270
R44 4.7k
Q27 2SA1428
C27 47 10V
R41 270
R42 4.7k
Q26 2SA1428
C26 47 10V
R39 270
R40 4.7k
Q25 2SA1428
C25 47 10V
R37 270
R38 4.7k
Q24 2SA1428
C24 47 10V
R35 270
R36 4.7k
Q23 2SA1428
C23 47 10V
R33 270
R34 4.7k
Q22 2SA1428
C22 47 10V
R31 270
R32 4.7k
Q21 2SA1428
C21 47 10V
R29 270
R30 4.7k
Q20 2SA1428
C20 47 10V
R27 270
R28 4.7k
Q19 2SA1428
C19 47 10V
R25 270
R26 4.7k
Q18 2SA1428
C18 47 10V
R23 270
R24 4.7k
Q17 2SA1428
C17 47 10V
R21 270
R22 4.7k
Q16 2SA1428
C16 47 10V
R19 270
R20 4.7k
Q15 2SA1428
C15 47 10V
R17 270
R18 4.7k
Q14 2SA1428
C14 47 10V
R15 270
R16 4.7k
Q13 2SA1428
C13 47 10V
R13 270
R14 4.7k
Q12 2SA1428
C12 47 10V
R11 270
R12 4.7k
Q11 2SA1428
C11 47 10V
SOC07 1/2
SOC17 1/2
SOC27 1/2
SOC06 1/2
SOC16 1/2
SOC26 1/2
SOC05 1/2
SOC15 1/2
SOC25 1/2
SOC4 1/2
SOC14 1/2
SOC24 1/2
SOC03 1/2
SOC13 1/2
SOC23 1/2
SOC02 1/2
SOC12 1/2
SOC22 1/2
SOC01 1/2
SOC11 1/2
SOC21 1/2
SOC00 1/2
SOC10 1/2
SOC20 1/2
SW17
SW39
SW38
SW29
SW28
SW4
SW22
SW1
SW47
R102 24
SW48
R103 24
SW49
R104 24
SW52
R105 24
SW53
R106 24
SW50
R107 24
SW51
R108 24

System Key Switch

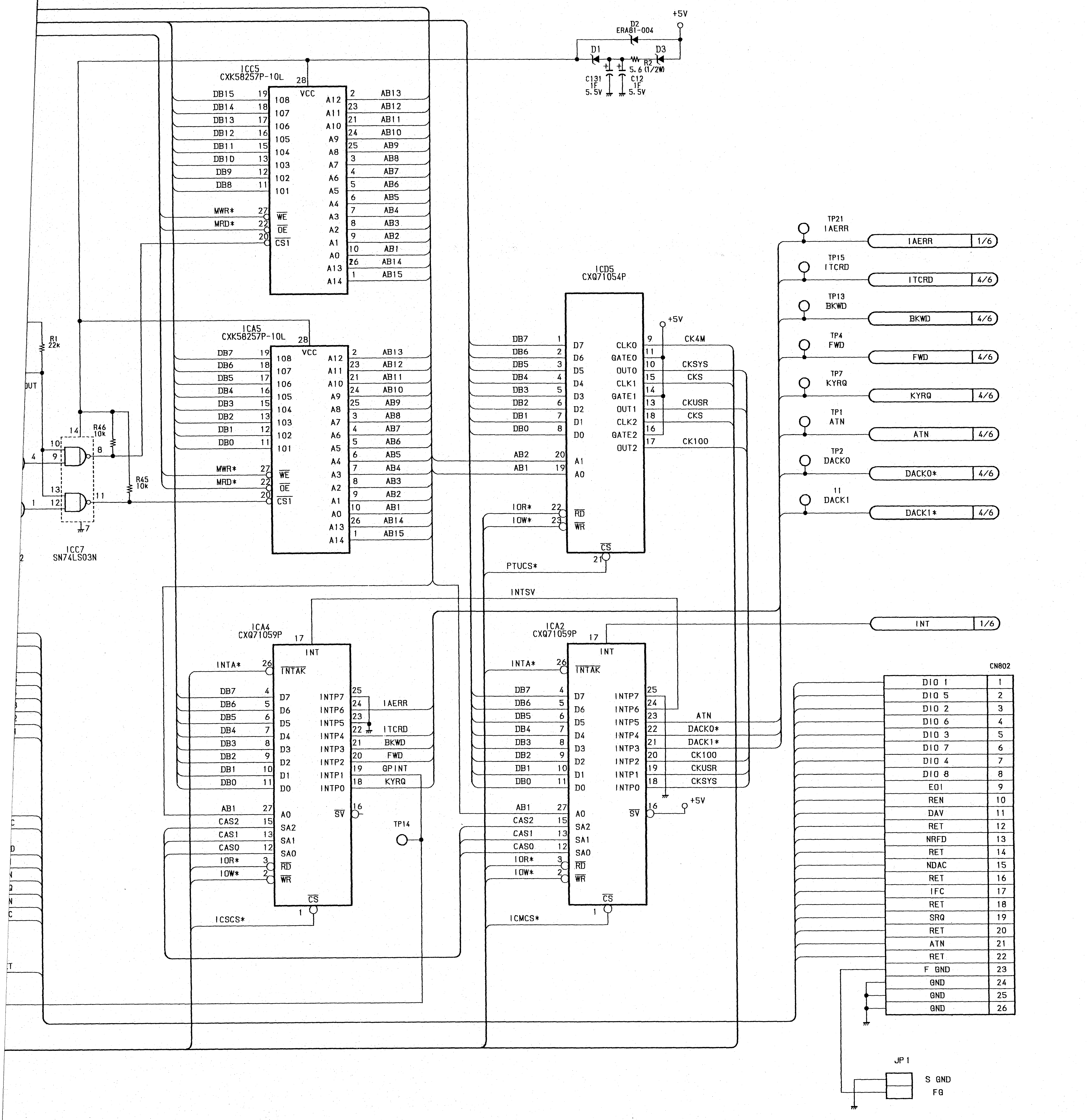
SKS-3 BOARD (2/2)

BOARD NO.1-627-131-11 & HIGHER
PCM-3348

MEM GPIB



ICC10
MBM27C512
ICC8
MBM27C512
ICA8
MBM27C512
ICA7
MBM27C512
ICA6
PST520C
PST
520C
VCC
GND
OUT
+5V
ICE6
74HC02
UBE*
RAMCS*
AB0
ICG6
TMS9914A
ICG4
SN75160B
ICH4
SN75161B
IC103
μPA64H
IC106
μPA64H
IC101
μPA64H
IC102
μPA64H
IC105
μPA64H
IC104
μPA64H
ICG9
74HC04
R11
10k
1/6 UBE*
1/6 AB 15
1/6 AB 14
1/6 AB 13
1/6 AB 12
1/6 AB 11
1/6 AB 10
1/6 AB 9
1/6 AB 8
1/6 AB 7
1/6 AB 6
1/6 AB 5
1/6 AB 4
1/6 AB 3
1/6 AB 2
1/6 AB 1
1/6 AB 0
1/6 DB 15
1/6 DB 14
1/6 DB 13
1/6 DB 12
1/6 DB 11
1/6 DB 10
1/6 DB 9
1/6 DB 8
1/6 DB 7
1/6 DB 6
1/6 DB 5
1/6 DB 4
1/6 DB 3
1/6 DB 2
1/6 DB 1
1/6 DB 0
1/6 MWR*
1/6 MRD*
2/6 MFEOCS*
2/6 MDCOCS*
2/6 RAMCS*
1/6 CK4M
5/6 INIT*
1/6 IOR*
1/6 IOW*
2/6 GPCS*
2/6 ICMCS*
2/6 ICSCS*
4/6 CKS
1/6 CK4M
1/6 INTA*
2/6 PTUCS*
MRD*
MFEOCS*
MDCOCS*
OE
CE
VPP
A15 A14 A13 A12 A11 A10 A9 A8 A7 A6 A5 A4 A3 A2 A1 A0
O8 O7 O6 O5 O4 O3 O2 O1
AB16 AB15 AB14 AB13 AB12 AB11 AB10 AB9 AB8 AB7 AB6 AB5 AB4 AB3 AB2 AB1
D 7 D 6 D 5 D 4 D 3 D 2 D 1 D 0
DIO 8 DIO 7 DIO 6 DIO 5 DIO 4 DIO 3 DIO 2 DIO 1
RS 2 RS 1 RS 0
TE
ACCRQ
ACCGR
VCC
VSS
DBIN
WE
CE
RESET
DAV NDAC NRFD EOI ATN SRQ REN IFC
CONT
INT
D 8 D 7 D 6 D 5 D 4 D 3 D 2 D 1
B 8 B 7 B 6 B 5 B 4 B 3 B 2 B 1
PE TE
DC GND TE
C71 33p R10 10 DIO 8
C69 33p R8 10 DIO 7
C67 33p R6 10 DIO 6
C65 33p R4 10 DIO 5
C70 33p R9 10 DIO 4
C68 33p R7 10 DIO 3
C66 33p R5 10 DIO 2
C64 33p R3 10 DIO 1
C86 33p R17 10 DAV
C84 33p R15 10 NDAC
C85 33p R16 10 NRFD
C88 33p R19 10 EOI
C81 33p R12 10 ATN
C82 33p R13 10 SRQ
C87 33p R18 10 REN
C83 33p R14 10 IFC
RET

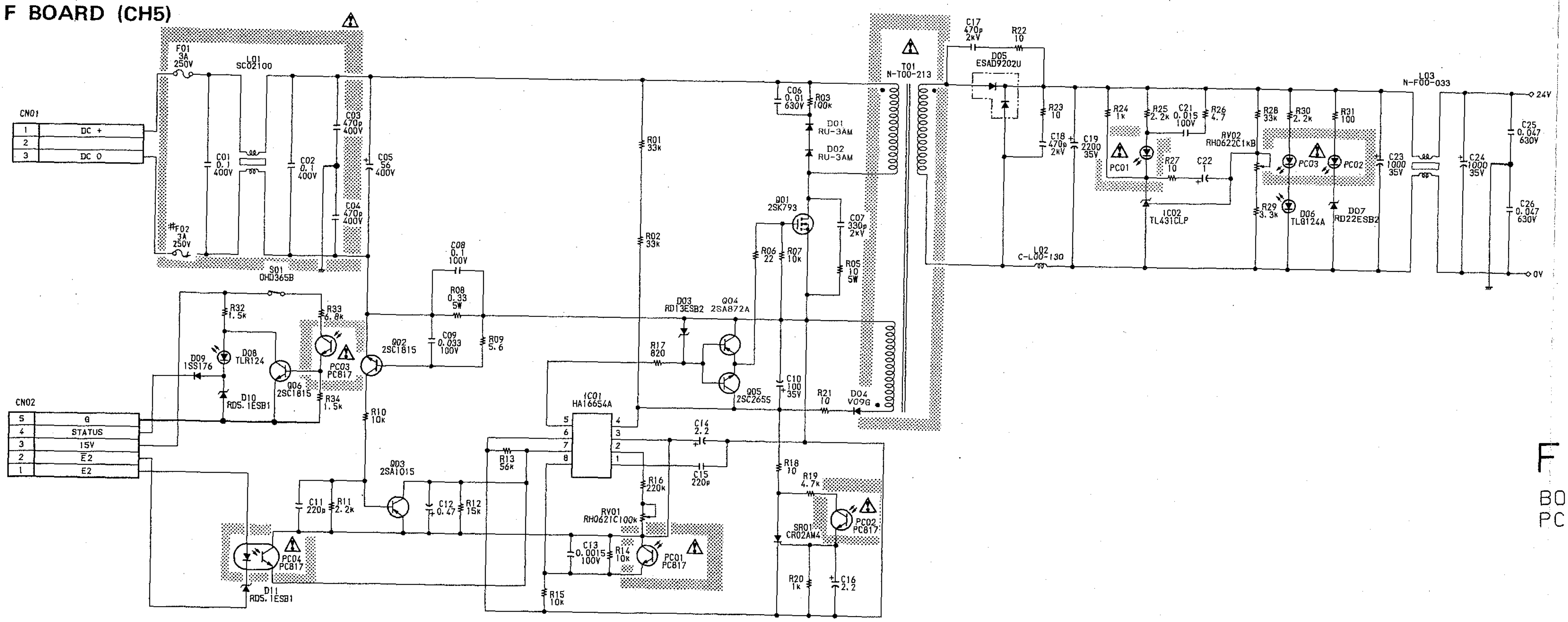

+5V
D2
ERA81-004
D1
D3
R2
5.6 (1/2W)
C131
1F
5.5V
C12
1F
5.5V
ICC5
CXK58257P-10L
ICA5
CXK58257P-10L
VCC
108
107
106
105
104
103
102
101
WE
OE
CS1
A12
A11
A10
A9
A8
A7
A6
A5
A4
A3
A2
A1
A0
A13
A14
DB15
DB14
DB13
DB12
DB11
DB10
DB9
DB8
DB7
DB6
DB5
DB4
DB3
DB2
DB1
DB0
MWR*
MRD*
AB13
AB12
AB11
AB10
AB9
AB8
AB7
AB6
AB5
AB4
AB3
AB2
AB1
AB14
AB15
R1
22k
R46
10k
R45
10k
ICC7
SN74LS03N
ICD5
CXQ71054P
D7
D6
D5
D4
D3
D2
D1
D0
A1
A0
RD
WR
CS
CLK0
GATE0
OUT0
CLK1
GATE1
OUT1
CLK2
GATE2
OUT2
CK4M
CKSYS
CKS
CKUSR
CK100
IOR*
IOW*
PTUCS*
INTSV
ICA4
CXQ71059P
ICA2
CXQ71059P
INT
INTAK
INTA*
INTP7
INTP6
INTP5
INTP4
INTP3
INTP2
INTP1
INTP0
SA2
SA1
SA0
SV
CAS2
CAS1
CAS0
IAERR
ITCRD
BKWD
FWD
GPINT
KYRQ
ATN
DACK0*
DACK1*
TP14
ICSCS*
ICMCS*
TP21
IAERR
TP15
ITCRD
TP13
BKWD
TP4
FWD
TP7
KYRQ
TP1
ATN
TP2
DACK0
11
DACK1
1/6
4/6
INT
CN802
DIO 1
DIO 5
DIO 2
DIO 6
DIO 3
DIO 7
DIO 4
DIO 8
EOI
REN
DAV
RET
NRFD
NDAC
IFC
SRQ
F GND
GND
JP1
S GND
FG

System Control

SY-128/128A BOARD (6/6)

BOARD NO.1-627-125-11 & HIGHER
PCM-3348

F BOARD (CH5)


CN01
DC +
DC 0
F01 3A 250V
L01 SC02100
C01 0.1 400V
C02 0.1 400V
C03 470p 400V
C04 470p 400V
C05 56 400V
F02 3A 250V
S01 OHD365B
R01 33k
R02 33k
T01 N-T00-213
C06 0.01 630V
R03 100k
D01 RU-3AM
D02 RU-3AM
Q01 2SK793
C07 330p 2kV
R05 10 5W
R06 22
R07 10k
C08 0.1 100V
R08 0.33 5W
C09 0.033 100V
R09 5.6
Q02 2SC1815
R32 1.5k
R33 6.8k
D09 1SS176
D08 TLR124
Q06 2SC1815
PC03 PC817
D10 RDS.1ESB1
R34 1.5k
CN02
STATUS
15V
E2
R10 10k
Q03 2SA1015
C11 220p
R11 2.2k
C12 0.47
R12 15k
PC04 PC817
D11 RDS.1ESB1
IC01 HA16654A
R13 56k
D03 RD13ESB2
Q04 2SA872A
Q05 2SC2655
R17 820
C10 100 35V
R21 10
D04 V09G
C14 2.2
C15 220p
R16 220k
RV01 RHO621C100k
C13 0.0015 100V
R14 10k
PC01 PC817
R15 10k
R18 10
R19 4.7k
SR01 CR02AM4
PC02 PC817
R20 1k
C16 2.2
C17 470p 2kV
R22 10
D05 ESAD9202U
R23 10
C18 470p 2kV
C19 2200 35V
L02 C-L00-130
R24 1k
R25 2.2k
C21 0.015 100V
R26 4.7
R27 10
C22 1
IC02 TL431CLP
RV02 RHO622C1kB
R28 33k
R29 3.3k
R30 2.2k
R31 100
D06 TLG124A
D07 RD22ESB2
C23 1000 35V
L03 N-F00-033
C24 1000 35V
C25 0.047 630V
C26 0.047 630V
24V
0V

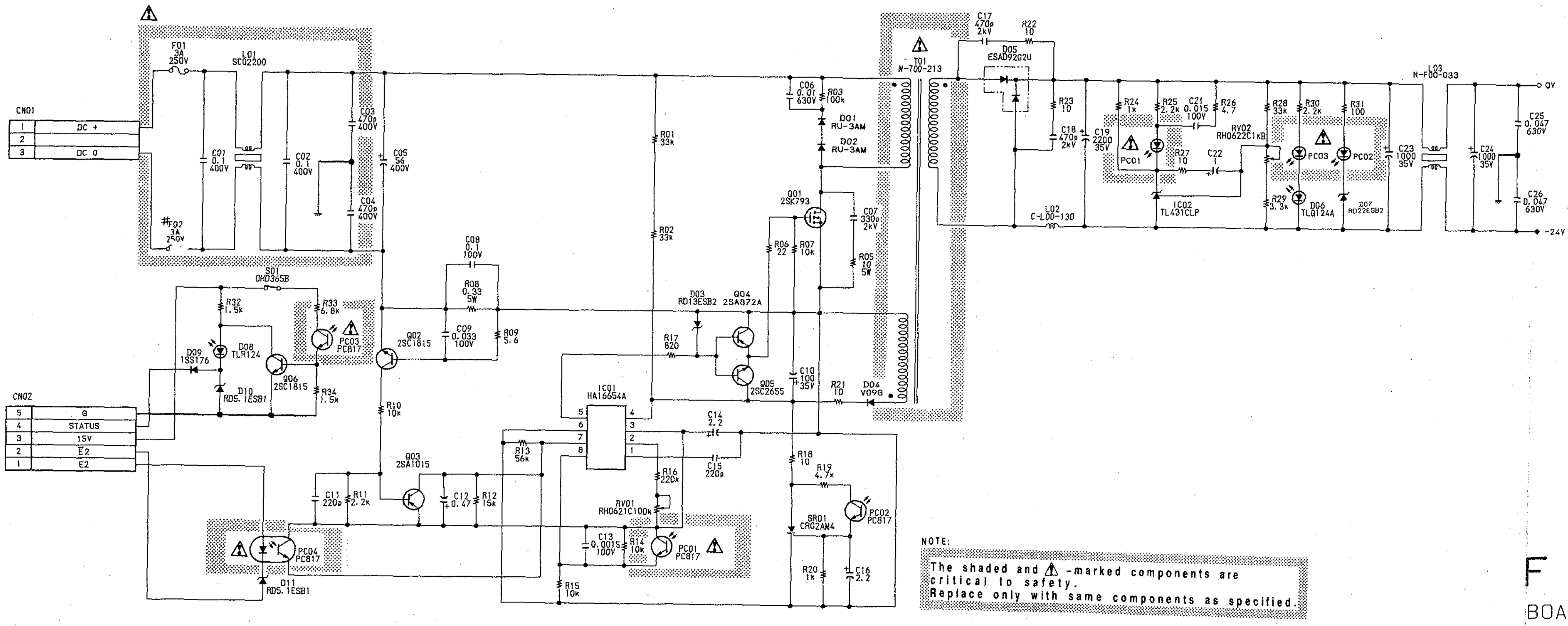
#: Changed Information

Applied Serial No.	Parts that have been added.
10101, 10102, 10201, 10202, 10301 and higher	F02

F BOARD (CH5)

BOARD NO.K-G00-093-11 & HIGHER
PCM-3348

F BOARD (CH6)


CN01
DC +
DC 0
F01 3A 250V
L01 SC02200
C01 0.1 400V
C02 0.1 400V
C03 470p 400V
C04 470p 400V
C05 56 400V
F02 3A 250V
S01 OHD365B
R01 33k
R02 33k
T01 N-T00-213
C06 0.01 630V
R03 100k
D01 RU-3AM
D02 RU-3AM
Q01 2SK793
C07 330p 2kV
R05 10 5W
R06 22
R07 10k
C08 0.1 100V
R08 0.33 5W
C09 0.033 100V
R09 5.6
Q02 2SC1815
R32 1.5k
R33 6.8k
D09 1SS176
D08 TLR124
Q06 2SC1815
PC03 PC817
D10 RDS.1ESB1
R34 1.5k
CN02
STATUS
15V
E2
R10 10k
Q03 2SA1015
C11 220p
R11 2.2k
C12 0.47
R12 15k
PC04 PC817
D11 RDS.1ESB1
IC01 HA16654A
R13 56k
D03 RD13ESB2
Q04 2SA872A
Q05 2SC2655
R17 820
C10 100 35V
R21 10
D04 V09G
C14 2.2
C15 220p
R16 220k
RV01 RHO621C100k
C13 0.0015 100V
R14 10k
PC01 PC817
R15 10k
R18 10
R19 4.7k
SR01 CR02AM4
PC02 PC817
R20 1k
C16 2.2
C17 470p 2kV
R22 10
D05 ESAD9202U
R23 10
C18 470p 2kV
C19 2200 35V
L02 C-L00-130
R24 1k
R25 2.2k
C21 0.015 100V
R26 4.7
R27 10
C22 1
IC02 TL431CLP
RV02 RHO622C1kB
R28 33k
R29 3.3k
R30 2.2k
R31 100
D06 TLG124A
D07 RD22ESB2
C23 1000 35V
L03 N-F00-033
C24 1000 35V
C25 0.047 630V
C26 0.047 630V
0V
-24V

NOTE:
The shaded and ⚠ -marked components are critical to safety.
Replace only with same components as specified.

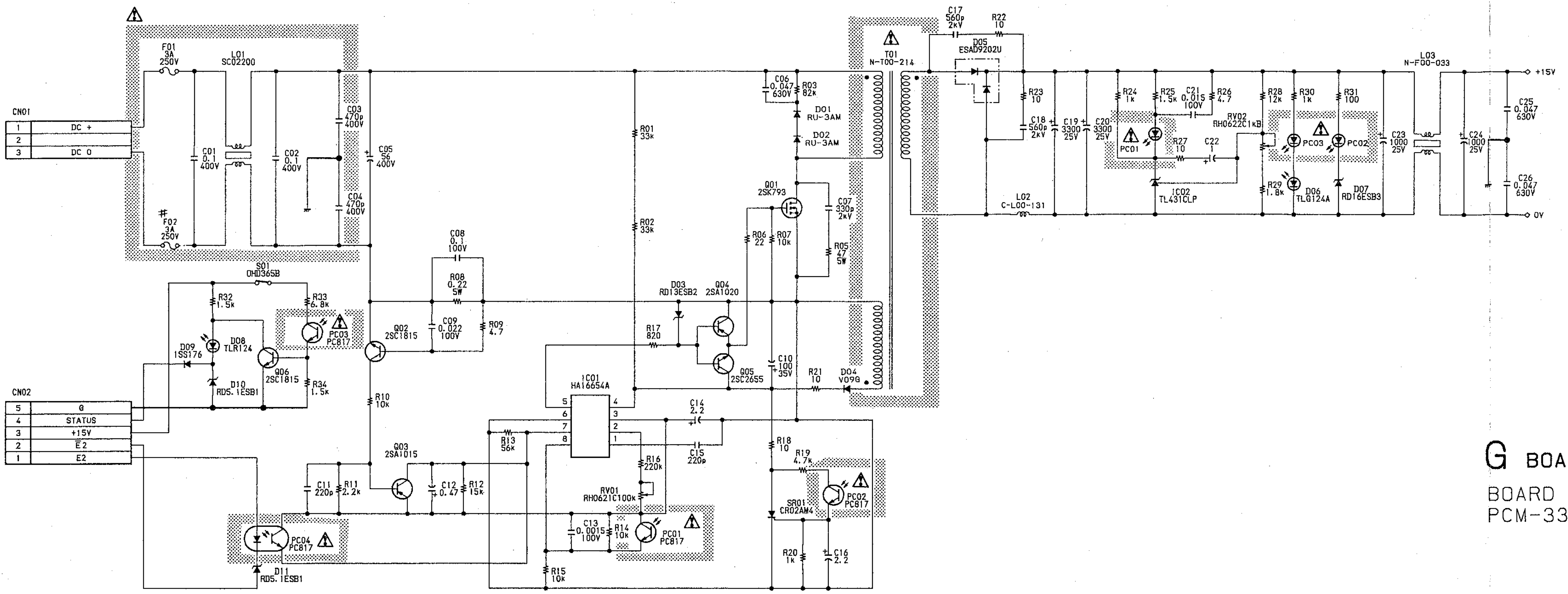
#: Changed Information

Applied Serial No.	Parts that have been added.
10101, 10102, 10201, 10202, 10301 and higher	F02

F BOARD (CH6)

BOARD NO.K-G00-093-11 & HIGHER
PCM-3348

G BOARD (CH7)


F01 3A 250V
L01 SC02200
CN01
DC +
DC 0
C01 0.1 400V
C02 0.1 400V
C03 470p 400V
C04 470p 400V
C05 56 400V
F02 3A 250V
R01 33k
R02 33k
C06 0.047 630V
R03 82k
D01 RU-3AM
D02 RU-3AM
Q01 2SK793
R06 22
R07 10k
C07 330p 2kV
R05 47 5W
T01 N-T00-214
C17 560p 2kV
R22 10
D05 ESAD9202U
R23 10
C18 560p 2kV
C19 3300 25V
C20 3300 25V
L02 C-L00-131
R24 1k
R25 1.5k
C21 0.015 100V
R26 4.7
PC01
R27 10
C22 1
IC02 TL431CLP
RV02 RH0622C1kB
R28 12k
R30 1k
R31 100
PC03
PC02
R29 1.8k
D06 TLG124A
D07 RD16ESB3
C23 1000 25V
L03 N-F00-033
C24 1000 25V
C25 0.047 630V
C26 0.047 630V
+15V
0V
S01 OHD365B
R32 1.5k
R33 6.8k
PC03 PC817
D09 1SS176
D08 TLR124
Q06 2SC1815
D10 RD5.1ESB1
R34 1.5k
CN02
G
STATUS
+15V
E2
E2
Q02 2SC1815
C08 0.1 100V
R08 0.22 5W
C09 0.022 100V
R09 4.7
R10 10k
D03 RD13ESB2
Q04 2SA1020
R17 820
Q05 2SC2655
C10 100 35V
R21 10
D04 V09G
IC01 HA16654A
C14 2.2
C15 220p
R13 56k
R16 220k
Q03 2SA1015
C11 220p
R11 2.2k
C12 0.47
R12 15k
RV01 RH0621C100k
C13 0.0015 100V
R14 10k
PC01 PC817
R15 10k
R18 10
R19 4.7k
PC02 PC817
SR01 CR02AM4
R20 1k
C16 2.2
PC04 PC817
D11 RD5.1ESB1

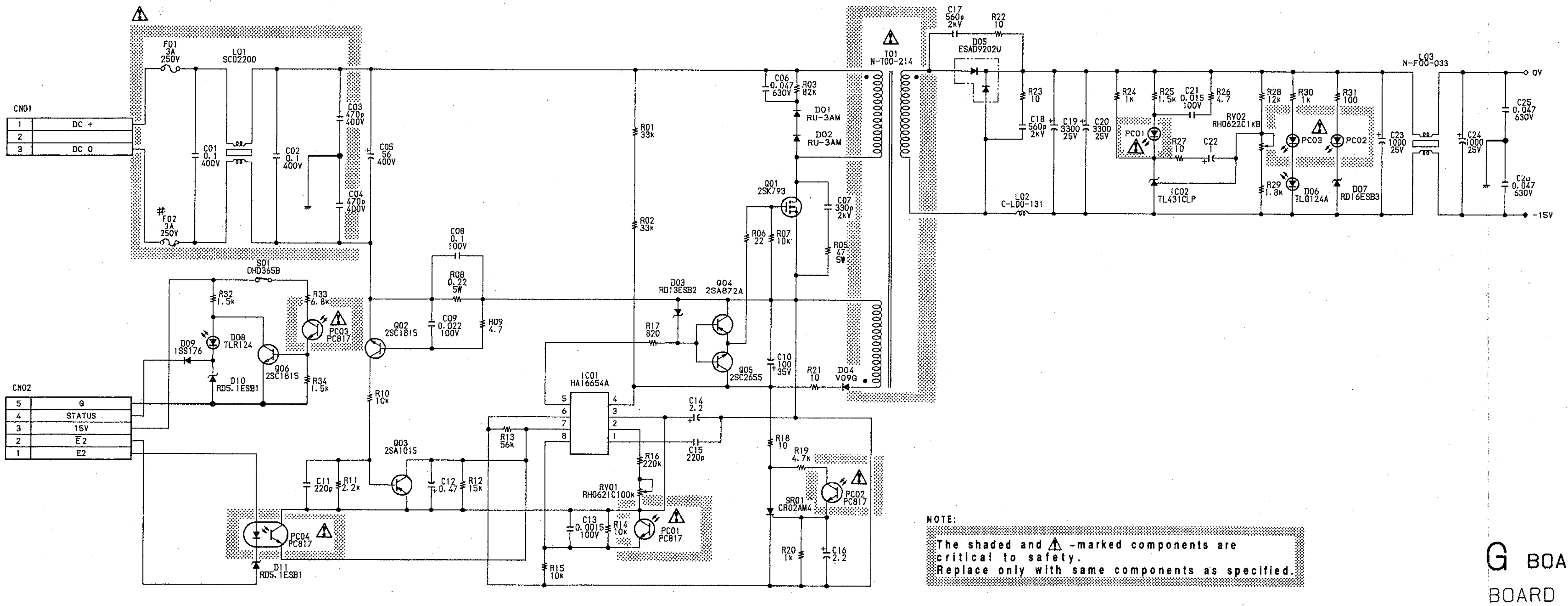
#: Changed Information

Applied Serial No.	Parts that have been added.
10101, 10102, 10201, 10202, 10301 and higher	F02

G BOARD (CH7)

BOARD NO.K-G00-093-11 & HIGHER
PCM-3348

G BOARD (CH8)


F01 3A 250V
L01 SC02200
CN01
DC +
DC 0
C01 0.1 400V
C02 0.1 400V
C03 470p 400V
C04 470p 400V
C05 56 400V
F02 3A 250V
R01 33k
R02 33k
C06 0.047 630V
R03 82k
D01 RU-3AM
D02 RU-3AM
Q01 2SK793
R06 22
R07 10k
C07 330p 2kV
R05 47 5W
T01 N-T00-214
C17 560p 2kV
R22 10
D05 ESAD9202U
R23 10
C18 560p 2kV
C19 3300 25V
C20 3300 25V
L02 C-L00-131
R24 1k
R25 1.5k
C21 0.015 100V
R26 4.7
PC01
R27 10
C22 1
IC02 TL431CLP
RV02 RH0622C1kB
R28 12k
R30 1k
R31 100
PC03
PC02
R29 1.8k
D06 TLG124A
D07 RD16ESB3
C23 1000 25V
L03 N-F00-033
C24 1000 25V
C25 0.047 630V
C26 0.047 630V
0V
-15V
S01 OHD365B
R32 1.5k
R33 6.8k
PC03 PC817
D09 1SS176
D08 TLR124
Q06 2SC1815
D10 RD5.1ESB1
R34 1.5k
CN02
G
STATUS
15V
E2
E2
Q02 2SC1815
C08 0.1 100V
R08 0.22 5W
C09 0.022 100V
R09 4.7
R10 10k
D03 RD13ESB2
Q04 2SA872A
R17 820
Q05 2SC2655
C10 100 35V
R21 10
D04 V09G
IC01 HA16654A
C14 2.2
C15 220p
R13 56k
R16 220k
Q03 2SA1015
C11 220p
R11 2.2k
C12 0.47
R12 15k
RV01 RH0621C100k
C13 0.0015 100V
R14 10k
PC01 PC817
R15 10k
R18 10
R19 4.7k
PC02 PC817
SR01 CR02AM4
R20 1k
C16 2.2
PC04 PC817
D11 RD5.1ESB1

NOTE:

The shaded and ⚠ -marked components are critical to safety.
Replace only with same components as specified.

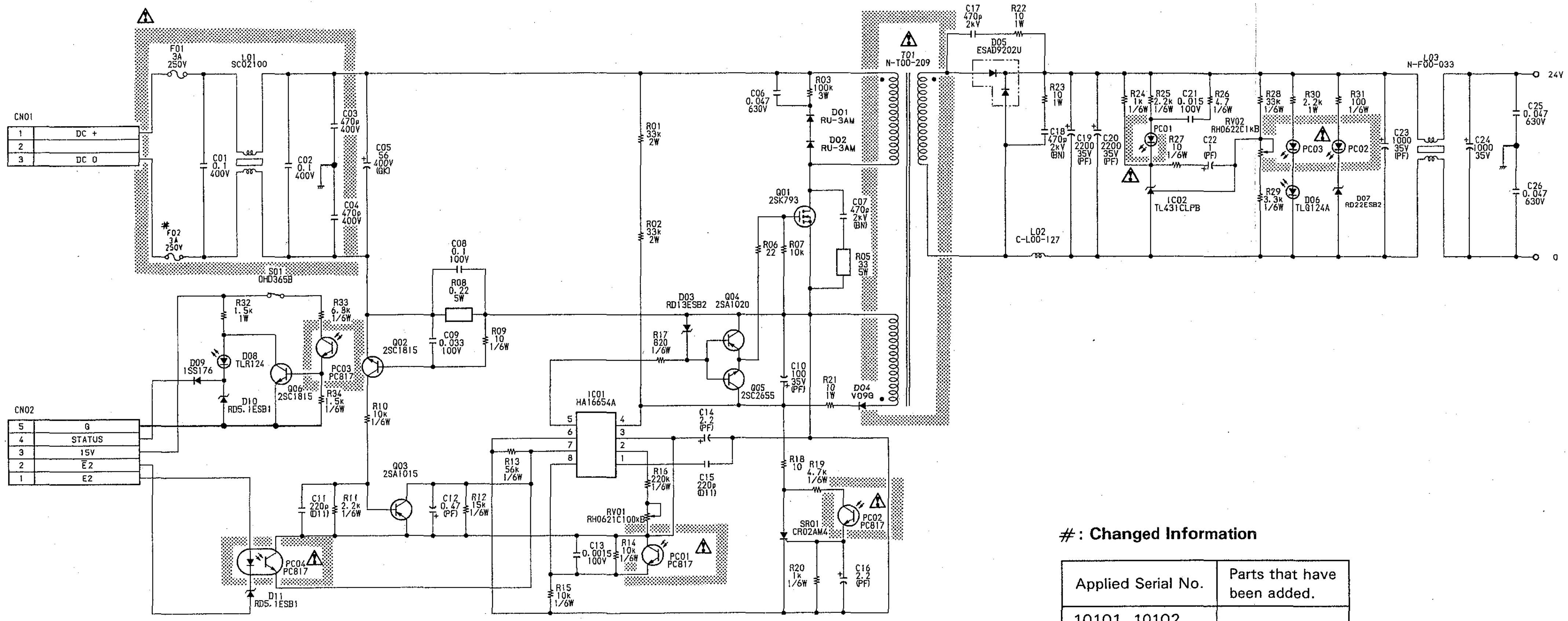
#: Changed Information

Applied Serial No.	Parts that have been added.
10101, 10102, 10201, 10202, 10301 and higher	F02

G BOARD (CH8)

BOARD NO.K-G00-093-11 & HIGHER
PCM-3348

T BOARD (CH11)


CN01
1 DC +
2
3 DC 0
F01 3A 250V
L01 SC02100
C01 0.1 400V
C02 0.1 400V
C03 470p 400V
C04 470p 400V
C05 56 400V (GK)
*F02 3A 250V
S01 0HD365B
C08 0.1 100V
R08 0.22 5W
C09 0.033 100V
R09 10 1/6W
Q02 2SC1815
R32 1.5k 1W
R33 6.8k 1/6W
D09 1SS176
D08 TLR124
Q06 2SC1815
PC03 PC817
R34 1.5k 1/6W
D10 RD5.1ESB1
R10 10k 1/6W
CN02
5 G
4 STATUS
3 15V
2 E2
1 E2
Q03 2SA1015
C11 220p (D11)
R11 2.2k 1/6W
C12 0.47 (PF)
R12 15k 1/6W
R13 56k 1/6W
PC04 PC817
D11 RD5.1ESB1
R01 33k 2W
R02 33k 2W
C06 0.047 630V
R03 100k 3W
D01 RU-3AM
D02 RU-3AM
Q01 2SK793
C07 470p 2kV (BN)
R06 22
R07 10k
R05 33 5W
D03 RD13ESB2
Q04 2SA1020
R17 820 1/6W
Q05 2SC2655
C10 100 35V (PF)
R21 10 1W
D04 V09G
IC01 HA16654A
C14 2.2 (PF)
C15 220p (D11)
R16 220k 1/6W
RV01 RH0621C100kB
C13 0.0015 100V
R14 10k 1/6W
PC01 PC817
R15 10k 1/6W
R18 10
R19 4.7k 1/6W
SR01 CR02AM4
PC02 PC817
R20 1k 1/6W
C16 2.2 (PF)
T01 N-T00-209
C17 470p 2kV
R22 10 1W
D05 ESAD9202U
R23 10 1W
C18 470p 2kV (BN)
C19 2200 35V (PF)
C20 2200 35V (PF)
L02 C-L00-127
R24 1k 1/6W
R25 2.2k 1/6W
C21 0.015 100V
R26 4.7 1/6W
PC01
R27 10 1/6W
C22 1 (PF)
RV02 RH0622C1kB
IC02 TL431CLPB
R28 33k 1/6W
R29 3.3k 1/6W
R30 2.2k 1W
D06 TLG124A
R31 100 1/6W
PC03
PC02
D07 RD22ESB2
C23 1000 35V (PF)
L03 N-F00-033
C24 1000 35V
C25 0.047 630V
C26 0.047 630V
24V
0

#: Changed Information

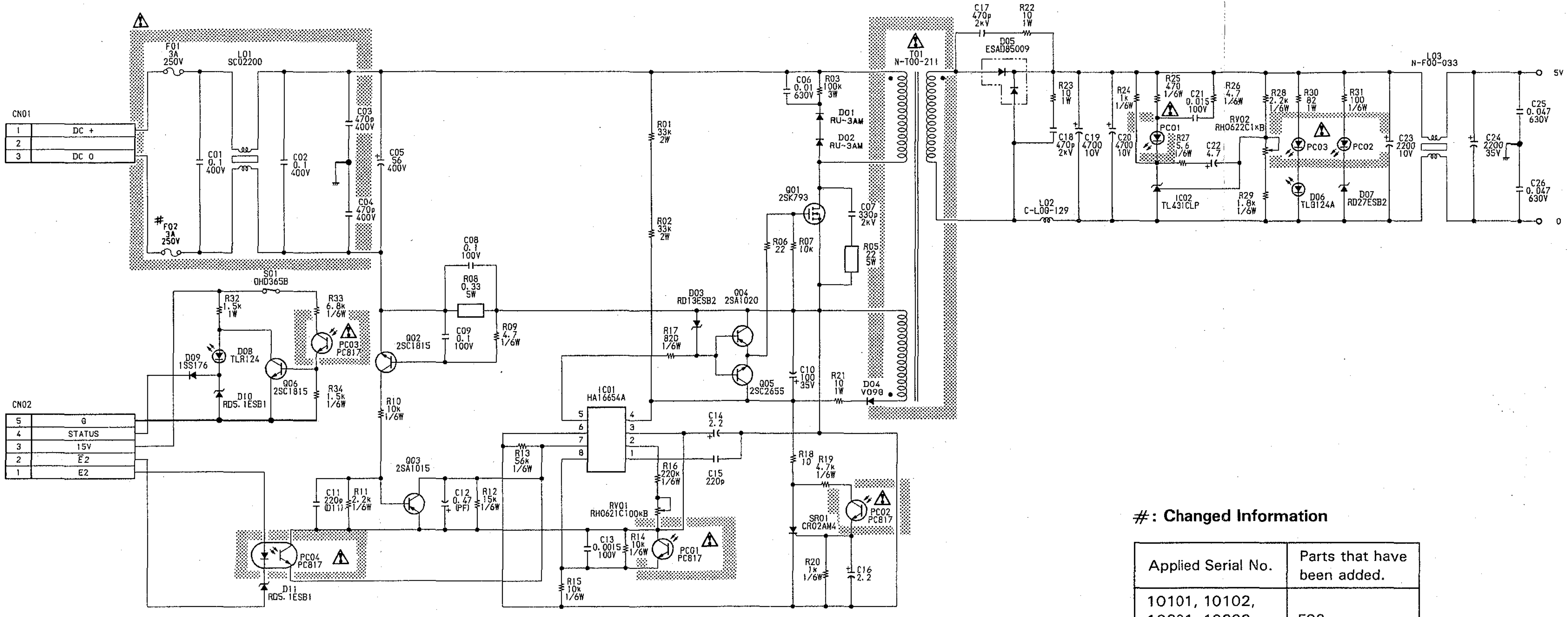
Applied Serial No.	Parts that have been added.
10101, 10102, 10201, 10202, 10301 and higher	F02

NOTE:
The shaded and ⚠ -marked components are critical to safety.
Replace only with same components as specified.

T BOARD (CH11)

BOARD NO.K-G00-093-11 & HIGHER
PCM-3348

U BOARD (CH12)



CN01
1 DC +
2
3 DC 0
F01 3A 250V
L01 SC02200
C01 0.1 400V
C02 0.1 400V
C03 470p 400V
C04 470p 400V
C05 56 400V
#F02 3A 250V
SD1 OHD365B
R32 1.5k 1W
R33 6.8k 1/6W
PC03 PC817
D09 1SS176
D08 TLR124
D10 RD5.1ESB1
Q06 2SC1815
R34 1.5k 1/6W
Q02 2SC1815
C08 0.1 100V
R08 0.33 5W
C09 0.1 100V
R09 4.7 1/6W
R10 10k 1/6W
Q03 2SA1015
C11 220p
R11 2.2k 1/6W
C12 0.47
R12 15k 1/6W
PC04 PC817
D11 RD5.1ESB1
CN02
5 G
4 STATUS
3 15V
2 E2
1 E2
R01 33k 2W
R02 33k 2W
IC01 HA16654A
R13 56k 1/6W
R15 10k 1/6W
RV01 RH0621C100kB
C13 0.0015 100V
R14 10k 1/6W
PC01 PC817
R16 220k 1/6W
C14 2.2
C15 220p
R17 820 1/6W
D03 RD13ESB2
Q04 2SA1020
Q05 2SC2655
C10 100 35V
R21 10 1W
D04 V09B
C06 0.01 630V
R03 100k 3W
D01 RU-3AM
D02 RU-3AM
Q01 2SK793
R06 22
R07 10k
C07 330p 2kV
R05 22 5W
R18 10
R19 4.7k 1/6W
SR01 CR02AM4
PC02 PC817
R20 1k 1/6W
C16 2.2
T01 N-T00-211
C17 470p 2kV
R22 10 1W
D05 ESAD85009
R23 10 1W
C18 470p 2kV
C19 4700 10V
L02 C-L00-129
R24 1k 1/6W
C20 4700 10V
R25 470 1/6W
C21 0.015 100V
PC01
R27 5.6 1/6W
C22 4.7
IC02 TL431CLP
R26 4.7 1/6W
RV02 RH0622C1kB
R28 2.2k 1/6W
R29 1.8k 1/6W
R30 82 1W
R31 100 1/6W
PC03
PC02
D06 TLG124A
D07 RD27ESB2
C23 2200 10V
L03 N-F00-033
C24 2200 35V
C25 0.047 630V
C26 0.047 630V
5V
0

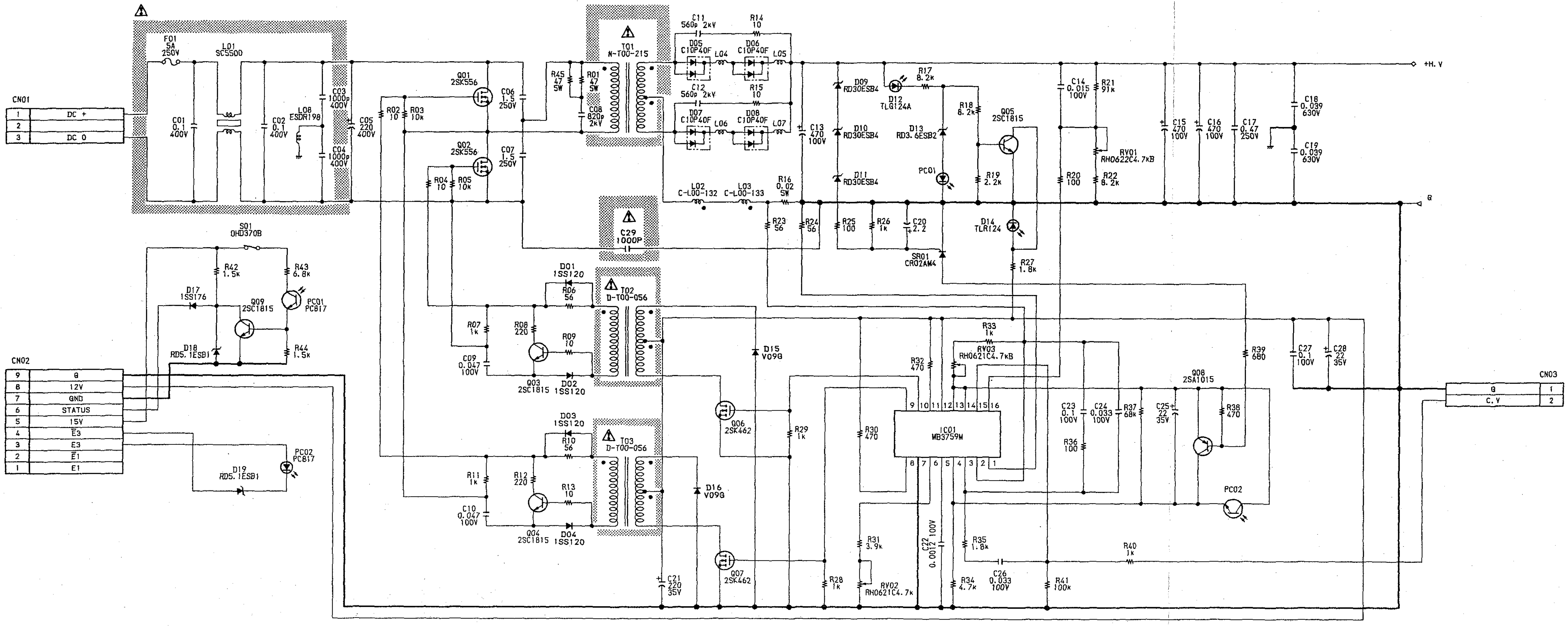
#: Changed Information

Applied Serial No.	Parts that have been added.
10101, 10102, 10201, 10202, 10301 and higher	F02

NOTE:
The shaded and ⚠ -marked components are critical to safety.
Replace only with same components as specified.

U BOARD (CH12)
BOARD NO.K-G00-093-11 & HIGHER
PCM-3348

H BOARD (CH9, 10)


CN01
1 DC +
2
3 DC 0
F01 5A 250V
L01 SC5500
C01 0.1 400V
C02 0.1 400V
L08 ESDR198
C03 1000p 400V
C04 1000p 400V
C05 220 400V
Q01 2SK556
Q02 2SK556
R02 10
R03 10k
R04 10
R05 10k
C06 1.5 250V
C07 1.5 250V
R45 47 5W
R01 47 5W
C08 820p 2kV
T01 N-T00-215
C11 560p 2kV
R14 10
D05 C10P40F
L04
D06 C10P40F
L05
C12 560p 2kV
R15 10
D07 C10P40F
L06
D08 C10P40F
L07
L02 C-L00-132
L03 C-L00-133
R16 0.02 5W
C13 470 100V
D09 RD30ESB4
D10 RD30ESB4
D11 RD30ESB4
D12 TLG124A
R17 8.2k
D13 RD3.6ESB2
PC01
R18 8.2k
Q05 2SC1815
R19 2.2k
D14 TLR124
R27 1.8k
R23 56
R24 56
R25 100
R26 1k
C20 2.2
SR01 CR02AM4
C14 0.015 100V
R21 91k
RV01 RH0622C4.7kB
R20 100
R22 8.2k
C15 470 100V
C16 470 100V
C17 0.47 250V
C18 0.039 630V
C19 0.039 630V
+H.V
G
C29 1000P
S01 OHD370B
R42 1.5k
R43 6.8k
D17 1SS176
Q09 2SC1815
PC01 PC817
D18 RD5.1ESB1
R44 1.5k
CN02
9 G
8 12V
7 GND
6 STATUS
5 15V
4 E3
3 E3
2 E1
1 E1
D19 RD5.1ESB1
PC02 PC817
D01 1SS120
R06 56
T02 D-T00-056
R07 1k
R08 220
R09 10
C09 0.047 100V
Q03 2SC1815
D02 1SS120
D03 1SS120
R10 56
T03 D-T00-056
R11 1k
R12 220
R13 10
C10 0.047 100V
Q04 2SC1815
D04 1SS120
D15 V09G
D16 V09G
Q06 2SK462
Q07 2SK462
R29 1k
C21 220 35V
R28 1k
R30 470
R31 3.9k
RV02 RH0621C4.7k
C22 0.0012 100V
R32 470
R33 1k
RV03 RH0621C4.7kB
IC01 MB3759M
R34 4.7k
R35 1.8k
C26 0.033 100V
R41 100k
R40 1k
C23 0.1 100V
C24 0.033 100V
R36 100
R37 68k
C25 22 35V
Q08 2SA1015
R38 470
R39 680
C27 0.1 100V
C28 22 35V
PC02
CN03
G 1
C.V 2

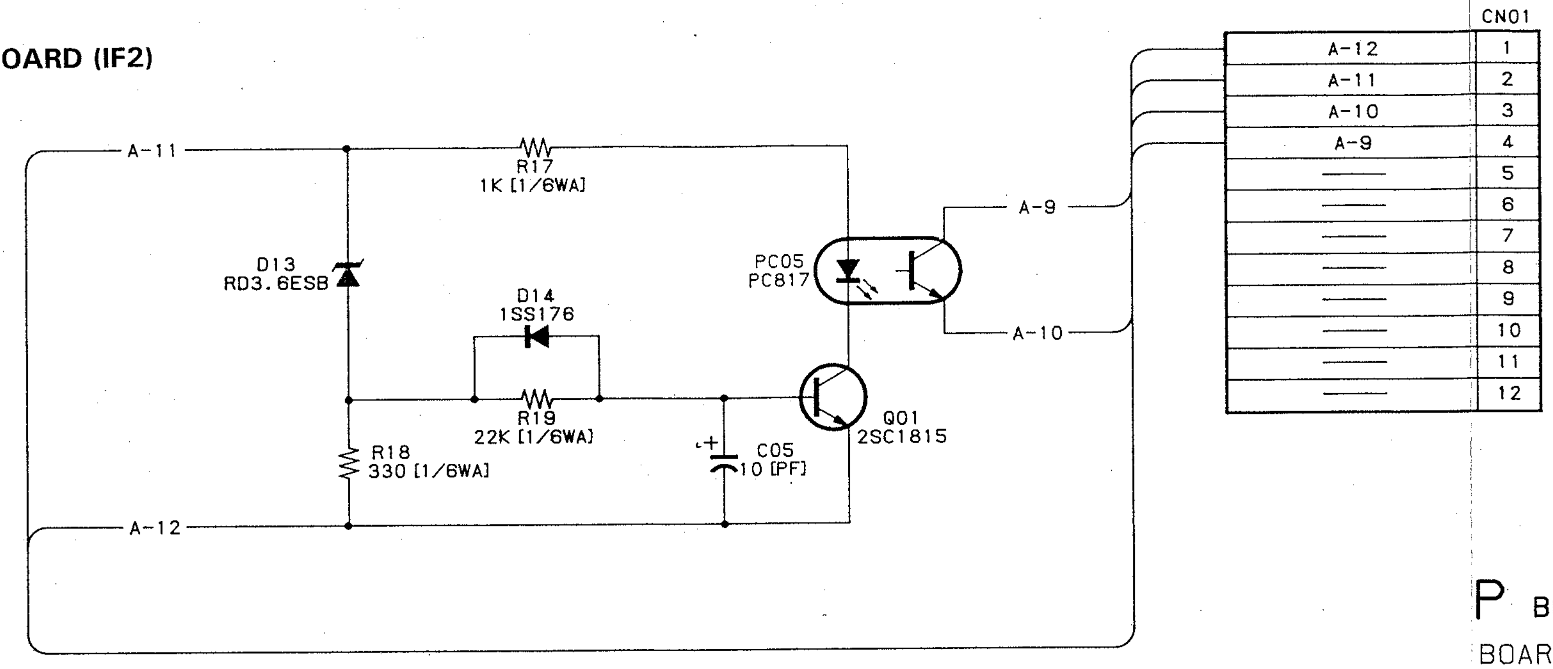
NOTE:

The shaded and ⚠ -marked components are critical to safety.
Replace only with same components as specified.

H BOARD (CH9, 10)

BOARD NO.K-G00-094-11 & HIGHER
PCM-3348

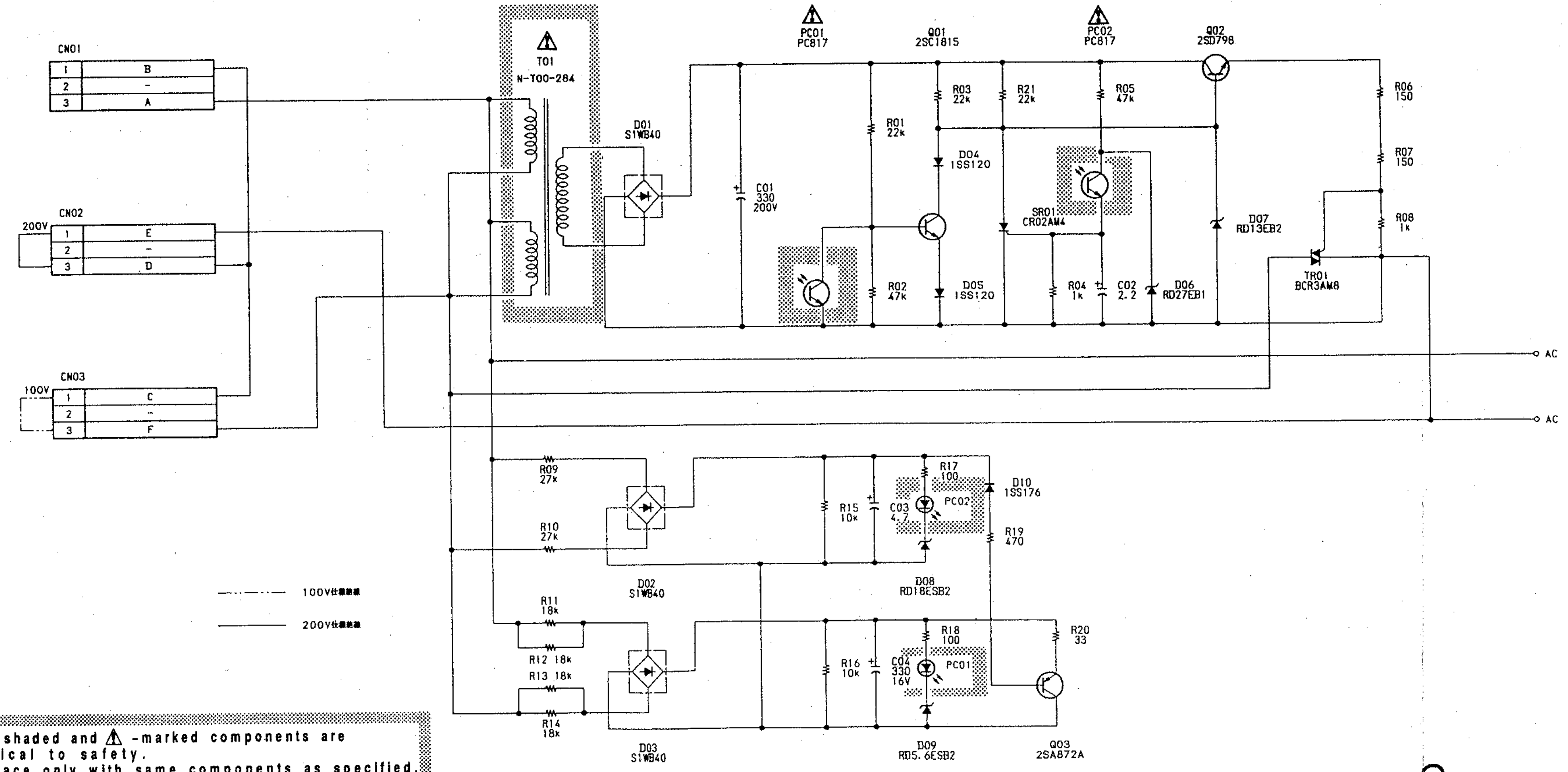
P BOARD (IF2)


A-11
R17
1K [1/6WA]
D13
RD3.6ESB
D14
1SS176
PC05
PC817
R19
22K [1/6WA]
Q01
2SC1815
R18
330 [1/6WA]
C05
10 [PF]
A-12
A-9
A-10
CN01
1 A-12
2 A-11
3 A-10
4 A-9
5
6
7
8
9
10
11
12

P BOARD (IF2)

BOARD NO.K-G00-105-11 & HIGHER
PCM-3348

Q BOARD (VOP)

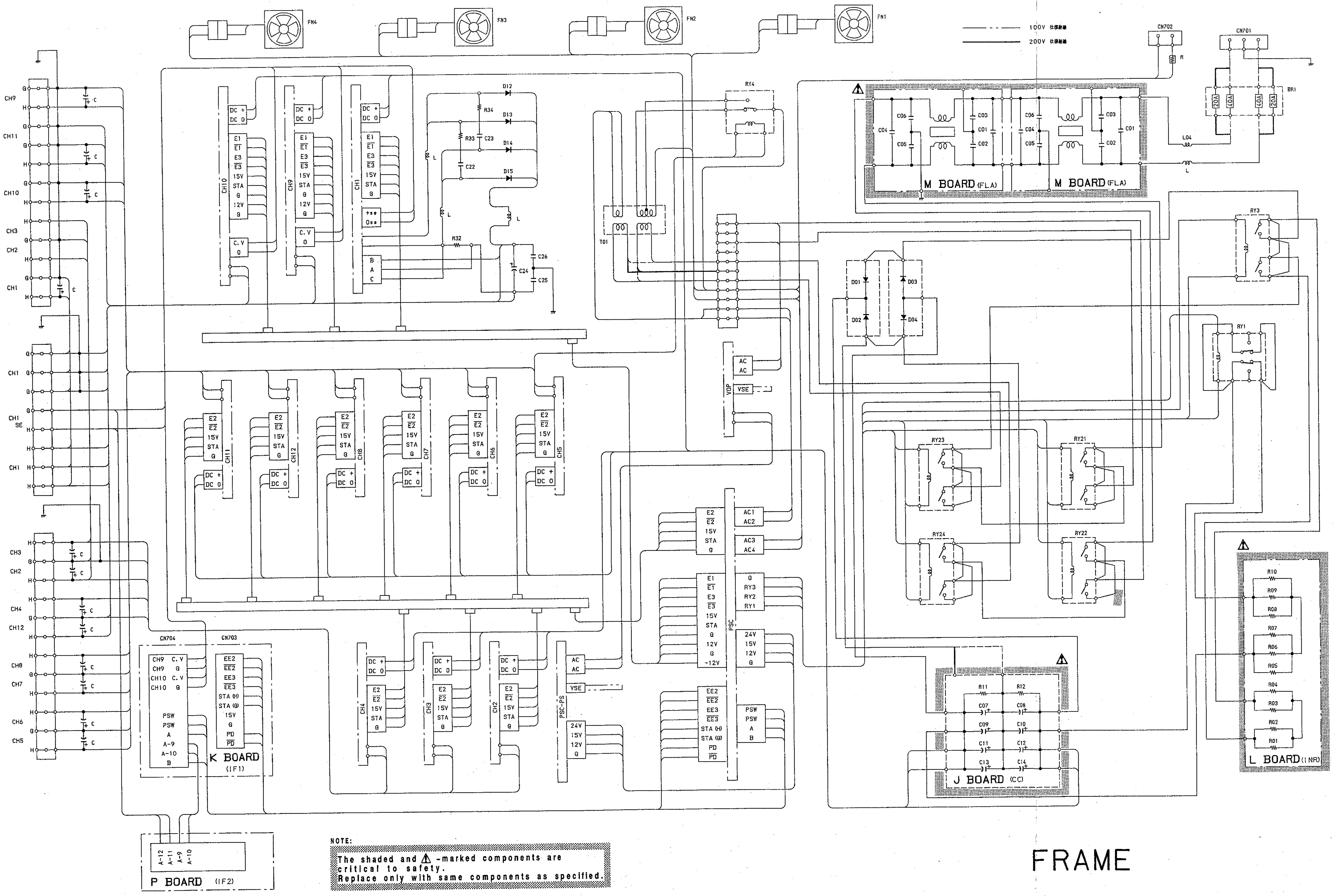

CN01
1 B
2 -
3 A
CN02
200V
1 E
2 -
3 D
CN03
100V
1 C
2 -
3 F
T01
N-T00-284
D01
S1WB40
C01
330
200V
PC01
PC817
Q01
2SC1815
PC02
PC817
Q02
2SD798
R01 22k
R02 47k
R03 22k
R21 22k
R05 47k
D04 1SS120
D05 1SS120
SR01 CR02AM4
R04 1k
C02 2.2
D06 RD27EB1
D07 RD13EB2
R06 150
R07 150
R08 1k
TR01 BCR3AM8
AC
AC
R09 27k
R10 27k
D02 S1WB40
R11 18k
R12 18k
R13 18k
R14 18k
D03 S1WB40
R15 10k
C03 4.7
R17 100
PC02
D10 1SS176
R19 470
D08 RD18ESB2
R16 10k
C04 330 16V
R18 100
PC01
R20 33
D09 RD5.6ESB2
Q03 2SA872A
100V
200V

NOTE:

The shaded and ⚠ -marked components are
critical to safety.
Replace only with same components as specified.

Q BOARD (VOP)

BOARD NO.K-G00-102-11 & HIGHER
PCM-3348


FN4
FN3
FN2
FN1
100V 仕様継線
200V 仕様継線
CN702
CN701
R
BR1
20A
40A
40A
20A
RY4
T01
M BOARD (FLA)
M BOARD (FLA)
C06
C04
C05
C03
C01
C02
L04
L
D12
D13
D14
D15
R34
R33
C23
C22
R32
C24
C25
C26
DC +
DC 0
E1
E3
15V
STA
G
12V
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+se
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CH10
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CH8
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CH3
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CH1 SE
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E2
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VDP
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AC2
AC3
AC4
RY3
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RY1
24V
-12V
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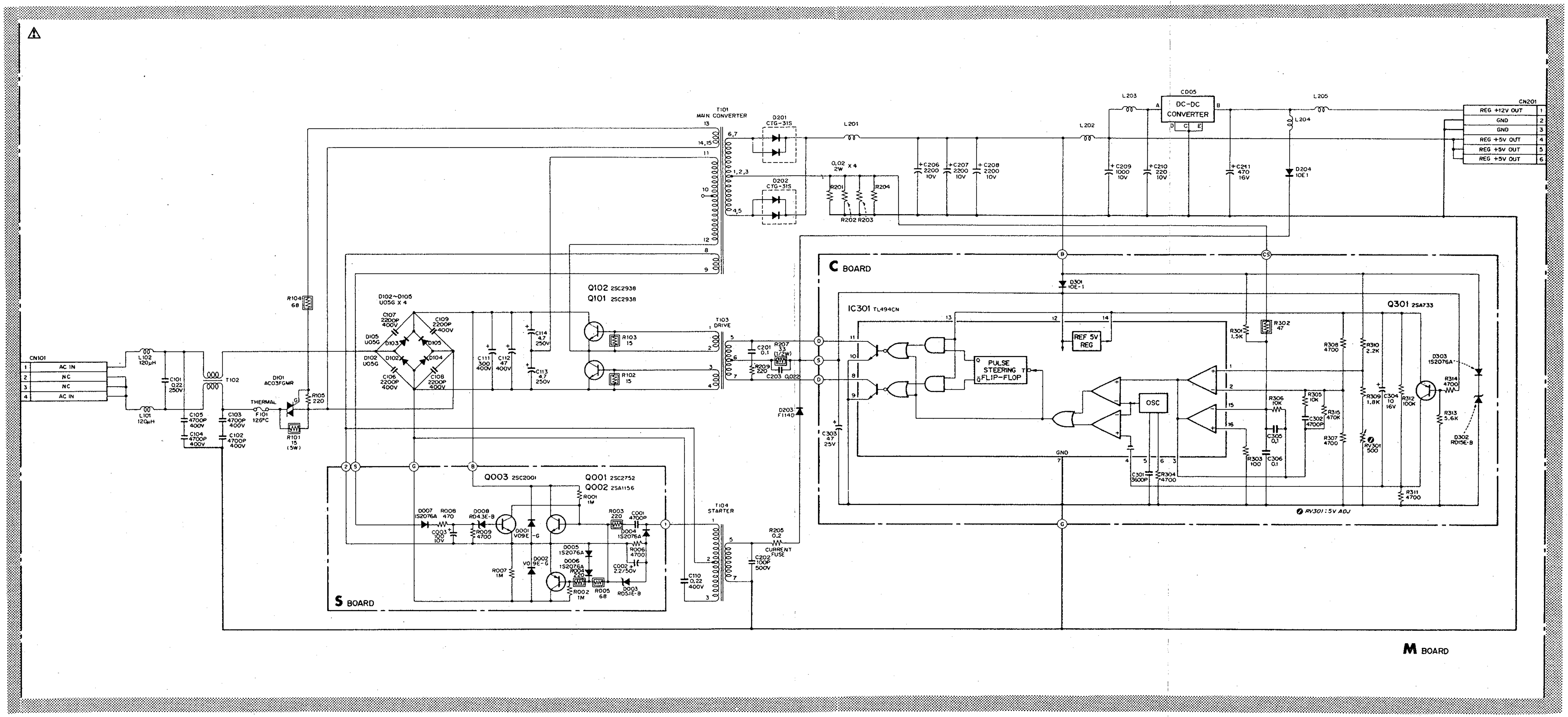
PSC-PS
EE2
EE3
STA (+)
STA (-)
PD
PSW
D01
D02
D03
D04
RY23
RY21
RY24
RY22
R11
R12
C07
C08
C09
C10
C11
C12
C13
C14
J BOARD (CC)
R10
R09
R08
R07
R06
R05
R04
R03
R02
R01
L BOARD (1NR)
CN704
CN703
CH9 C.V
CH10 C.V
A-9
A-10
A-11
A-12
K BOARD (IF1)
P BOARD (IF2)

NOTE:
The shaded and ⚠ -marked components are critical to safety.
Replace only with same components as specified.

FRAME

PCM-3348


⚠
CN101
AC IN
NC
NC
AC IN
L102 120μH
L101 120μH
C101 0.22 250V
C105 4700P 400V
C104 4700P 400V
C103 4700P 400V
C102 4700P 400V
T102
THERMAL
F101 126°C
D101 AC03FGMR
R105 220
R101 15 (5W)
R104 68
D102~D105 U05G x 4
C107 2200P 400V
C109 2200P 400V
C106 2200P 400V
C108 2200P 400V
C111 300 400V
C112 47 400V
C114 4.7 250V
C113 4.7 250V
Q102 2SC2938
Q101 2SC2938
R103 15
R102 15
T101 MAIN CONVERTER
T103 DRIVE
D201 CTG-31S
D202 CTG-31S
0.02 x 4 2W
R201 R202 R203 R204
L201
C206 2200 10V
C207 2200 10V
C208 2200 10V
L202
L203
CD05 DC-DC CONVERTER
L205
L204
C209 1000 10V
C210 220 10V
C211 470 16V
D204 10E1
CN201
REG +12V OUT
GND
GND
REG +5V OUT
REG +5V OUT
REG +5V OUT
C201 0.1
R207 33 (1/2W)
R209 220
C203 0.022
D203 F114D
C303 47 25V
C BOARD
D301 10E-1
IC301 TL494CN
REF 5V REG
PULSE STEERING FLIP-FLOP
OSC
GND
Q301 2SA733
R301 1.5K
R302 47
R308 4700
R310 2.2K
R306 10K
R305 10K
R315 470K
C302 4700P
R307 4700
R309 1.8K
C304 10 16V
R312 100K
RV301 500
R314 4700
R313 5.6K
D303 1S2076A
D302 RD15E-B
C305 0.1
C306 0.1
R303 100
C301 3600P
R304 4700
R311 4700
RV301: 5V ADJ
S BOARD
Q003 2SC2001
Q001 2SC2752
Q002 2SA1156
D007 1S2076A
R008 470
D008 RD43E-B
C003 100 10V
R009 4700
D001 V09E-G
D002 V09E-G
R001 1M
R007 1M
R003 220
C001 4700P
D004 1S2076A
D005 1S2076A
D006 1S2076A
R006 4700
C002 2.2/50V
R004 220
R002 1M
R005 68
D003 RD5.1E-B
T104 STARTER
R205 0.2 CURRENT FUSE
C202 100P 500V
C110 0.22 400V
M BOARD

NOTE:
The shaded and ⚠ -marked components are critical to safety.
Replace only with same components as specified.

UR-03 BOARD

PCM-3348

SECTION D
REPLACEABLE PARTS

D-1. PARTS ORDERING INFORMATION

Standardization of Parts
Repair parts supplied from Sony Parts Center may not be always identical with the part which actually in use due to "accommodating the improved parts and/or engineering changes" or "standardization of genuine parts".
This manual's exploded views and electrical parts list are indicating the parts numbers of the "standardized genuine parts at present".

Parts marked with S in the column of SP
These parts are normally stocked as replaceable parts.

Parts marked with O in the column of SP
Orders for these parts will be processed, but allow for additional delivery time.

Parts without Part No.
These parts are not stocked because they are seldom required for routine service.

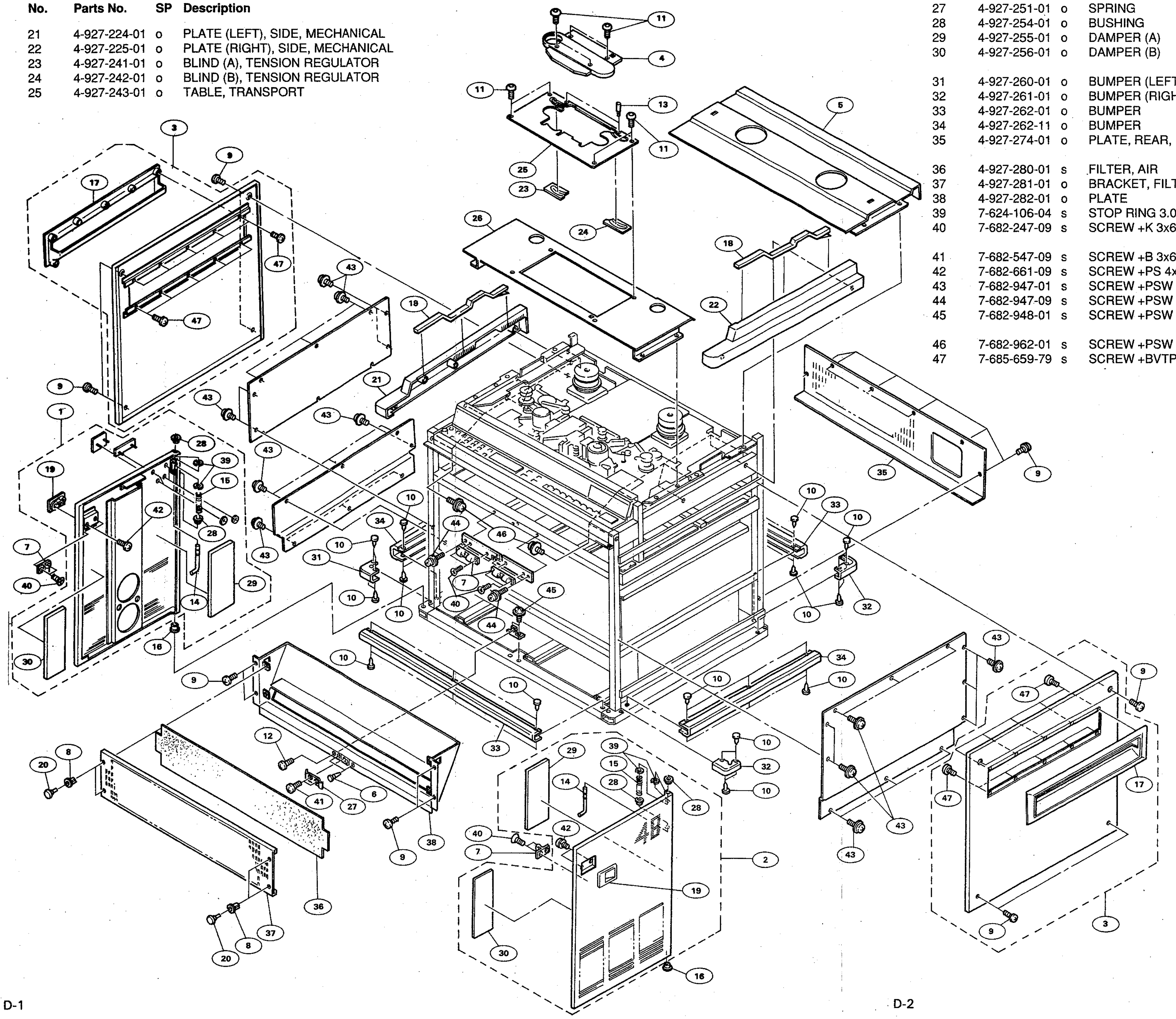
> The components marked with ⚠ are critical to safe operation.
> These components must be replaces with the same ones as described on the Parts List.

D-2. EXPLODED VIEWS AND PARTS

MAIN ASSY

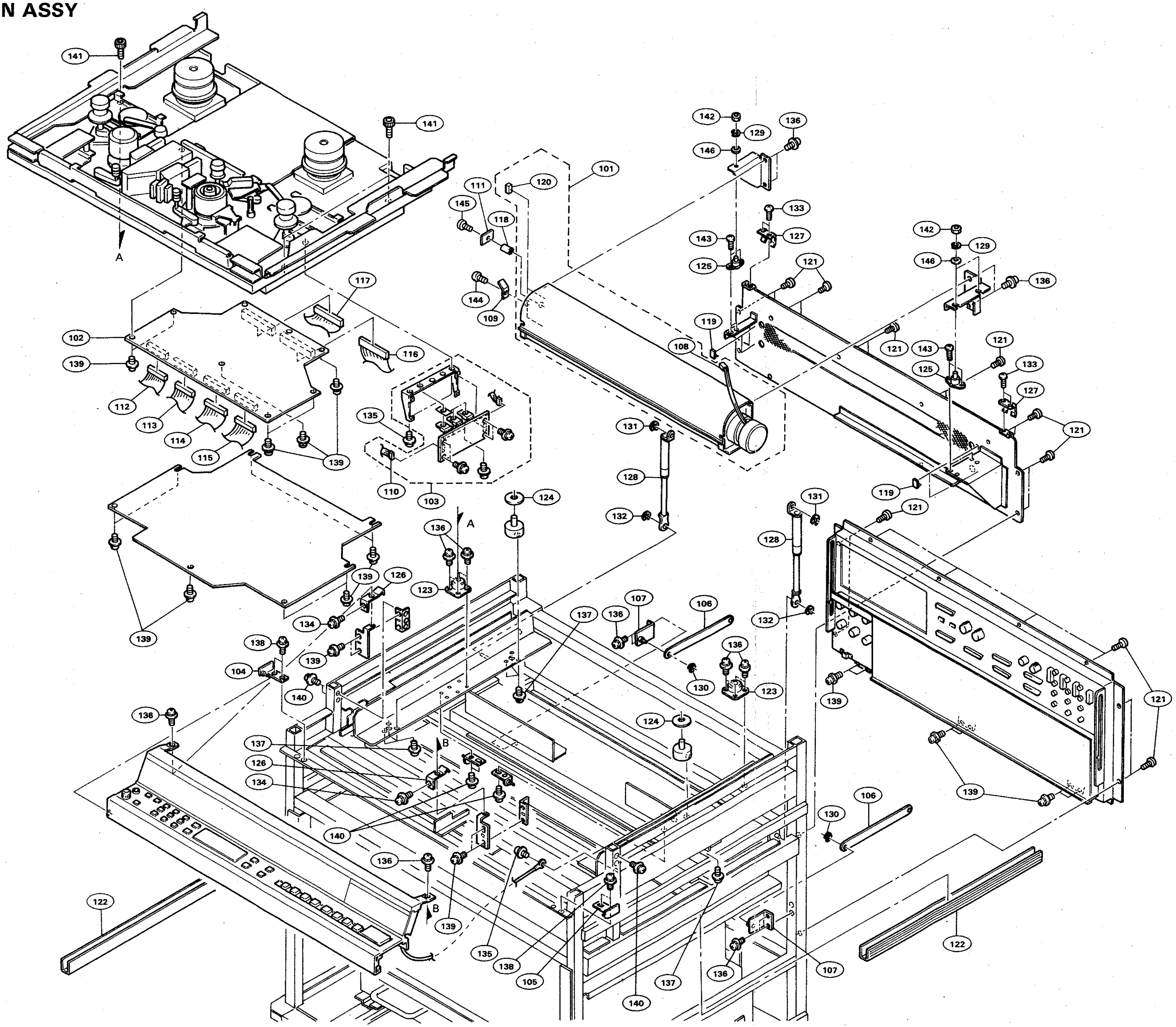
Index No.	Parts No.	SP	Description
1	A-7810-415-A	o	DOOR (LEFT) ASSY, FRONT
2	A-7810-416-A	o	DOOR (RIGHT) ASSY, FRONT
3	A-7810-417-A	o	PLATE ASSY, SIDE
4	X-4927-029-1	o	COVER ASSY, HEAD
5	X-4927-032-1	o	PANEL ASSY, REEL
6	2-274-908-00	o	FOOT (REAR), RUBBER
7	3-153-721-00	o	CATCHER, BALL
8	3-609-177-03	s	GROMMET
9	3-703-354-01	s	SCREW (OS), CASE, CLAW
10	4-303-472-00	o	CLIP (DIA. 5)
11	4-882-768-06	s	SCREW, BUTTON HEAD (M4x8)
12	4-886-821-01	s	SCREW, M3 CASE
13	4-888-467-00	o	PIN (DIA. 4), PROTECTION, TAPE
14	4-921-514-01	o	SHAFT, HINGE
15	4-921-515-01	o	SPRING, COMPRESSION
16	4-921-560-01	o	HOLDER, ROD
17	4-921-596-01	o	FRAME, HANDLE
18	4-927-003-01	o	CUSHION, PANEL
19	4-927-129-01	o	HANDLE
20	4-927-131-01	o	SOLENOID

Index No.	Parts No.	SP	Description
21	4-927-224-01	o	PLATE (LEFT), SIDE, MECHANICAL
22	4-927-225-01	o	PLATE (RIGHT), SIDE, MECHANICAL
23	4-927-241-01	o	BLIND (A), TENSION REGULATOR
24	4-927-242-01	o	BLIND (B), TENSION REGULATOR
25	4-927-243-01	o	TABLE, TRANSPORT



Index No.	Parts No.	SP	Description
26	X-4927-036-2	o	PANEL ASSY, MECHANICAL
27	4-927-251-01	o	SPRING
28	4-927-254-01	o	BUSHING
29	4-927-255-01	o	DAMPER (A)
30	4-927-256-01	o	DAMPER (B)
31	4-927-260-01	o	BUMPER (LEFT), CORNER
32	4-927-261-01	o	BUMPER (RIGHT), CORNER
33	4-927-262-01	o	BUMPER
34	4-927-262-11	o	BUMPER
35	4-927-274-01	o	PLATE, REAR, POWER
36	4-927-280-01	s	FILTER, AIR
37	4-927-281-01	o	BRACKET, FILTER
38	4-927-282-01	o	PLATE
39	7-624-106-04	s	STOP RING 3.0, TYPE -E
40	7-682-247-09	s	SCREW +K 3x6
41	7-682-547-09	s	SCREW +B 3x6
42	7-682-661-09	s	SCREW +PS 4x8
43	7-682-947-01	s	SCREW +PSW 3x6
44	7-682-947-09	s	SCREW +PSW 3x6
45	7-682-948-01	s	SCREW +PSW 3x8
46	7-682-962-01	s	SCREW +PSW 4x10
47	7-685-659-79	s	SCREW +BVTP 4x8 TYPE2 SLIT

MAIN ASSY


141
141
A
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102
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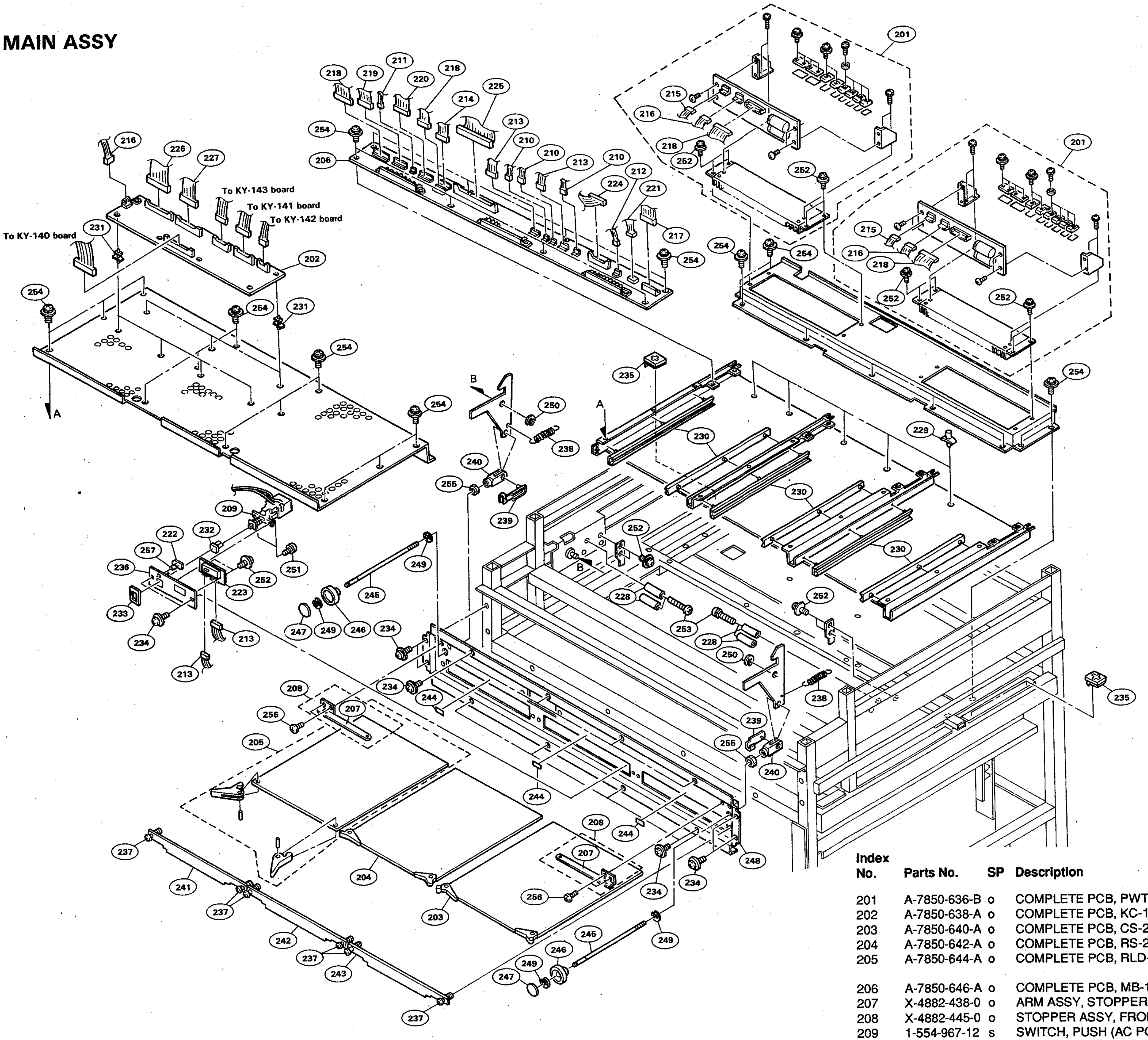
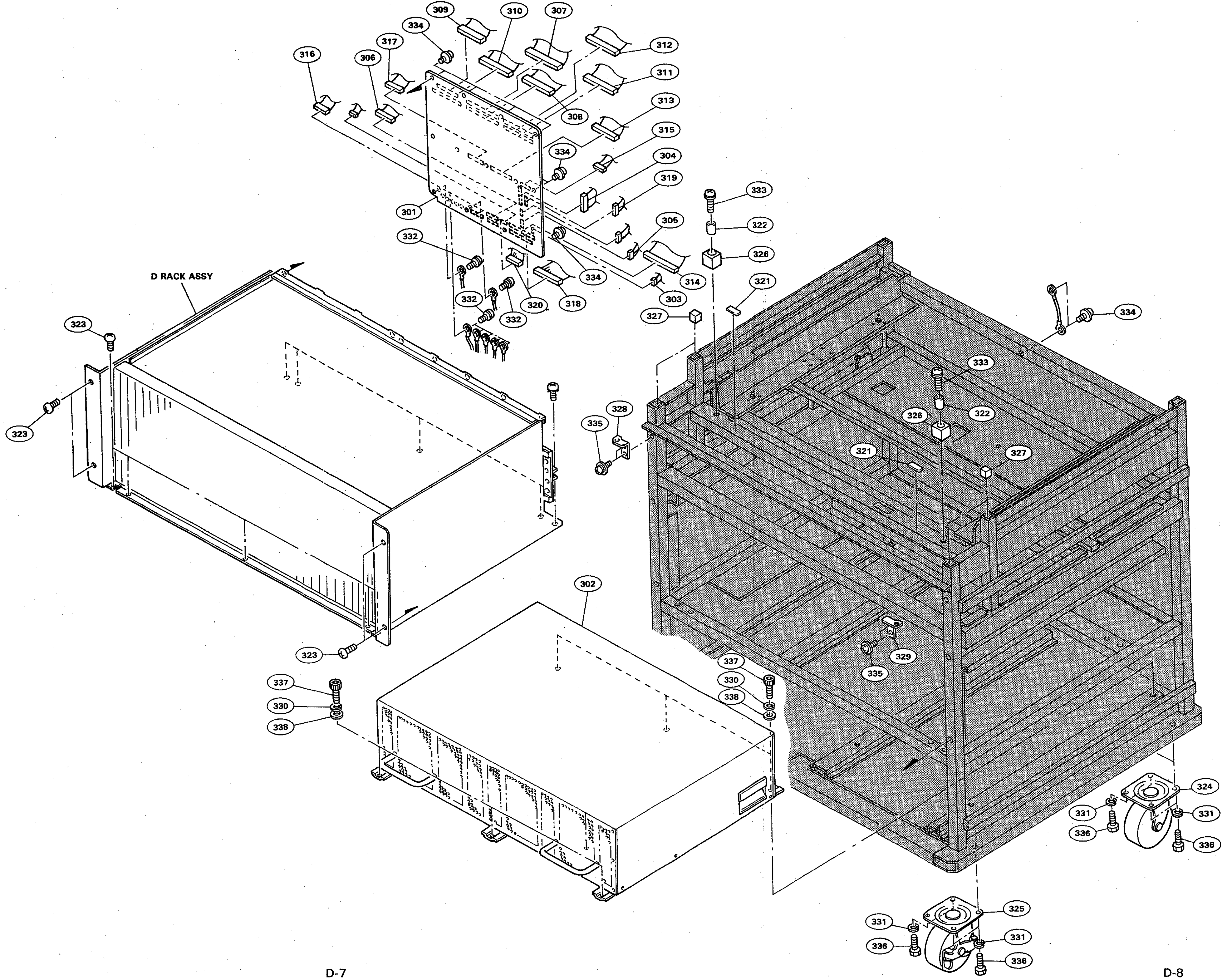
Index No.	Parts No.	SP	Description
101	A-7810-461-A	s	MOTOR ASSY, FAN
102	A-7850-634-A	o	COMOLETE PCB, REC-5
103	A-7850-728-A	o	COMPLETE PCB, RG-23
104	X-4927-002-1	o	PLATE (LEFT) ASSY, HINGE, PANEL
105	X-4927-003-1	o	PLATE (RIGHT) ASSY, HINGE, PANEL
106	X-4927-004-1	o	ARM ASSY, STOPPER
107	X-4927-005-1	o	BRACKET ASSY, STOPPER
108	1-535-207-21	o	TERMINAL, SOLDERLESS
	1-535-506-21	o	PRESS TERMINAL
	1-561-083-21	o	HOUSING, CAP 2P
109	1-535-420-11	o	TAB, FASTEN
110	1-562-210-11	o	CONTACT, CONNECTOR
111	1-625-537-12	o	PC BOARD, FAM-14
112	1-942-119-11	o	HARNESS (FLAT CABLE ASSY)
113	1-942-120-11	o	HARNESS (FLAT CABLE ASSY)
114	1-942-121-11	o	HARNESS (FLAT CABLE ASSY)
115	1-942-122-11	o	HARNESS (FLAT CABLE ASSY)
116	1-942-498-11	o	HARNESS (FLAT CABLE ASSY)
117	1-942-499-11	o	HARNESS (FLAT CABLE ASSY)
118	2-125-406-01	s	COLLAR, SPACER
119	3-487-042-01	s	RUBBER, FRONT CUSHION
120	3-652-625-01	o	MAGNET
121	3-703-354-01	s	SCREW (OS), CASE, CLAW
122	4-921-535-01	o	COVER, HANDLE
123	4-927-001-01	o	RUBBER, VIBRATION PROOF
124	4-927-028-01	o	RUBBER, CUSHION
125	4-927-083-01	o	RUBBER, VIBRATION PROOF
126	4-927-252-01	o	SPRING (A)
127	4-927-253-01	o	SPRING (B)
128	4-927-267-01	o	SPRING
129	7-623-210-22	s	SW 4, TYPE 2
130	7-624-109-04	s	STOP RING 5.0, TYPE-E
131	7-624-111-04	s	STOP RING 7.0, TYPE-E
132	7-624-112-04	s	STOP RING 8.0, TYPE-E
133	7-682-547-09	s	SCREW +B 3x6
134	7-682-647-09	s	SCREW +PS 3x6
135	7-682-648-09	s	SCREW +PS 3x8
136	7-682-661-09	s	SCREW +PS 4x8
137	7-682-662-09	s	SCREW PS 4x10
138	7-682-947-01	s	SCREW +PSW 3x6
139	7-682-948-01	s	SCREW +PSW 3x8
140	7-682-961-01	s	SCREW +PSW 4x8
141	7-683-440-04	o	BOLT, HEXAGON SOCKET 5x20
142	7-684-024-04	s	N4, TYPE 2
143	7-685-861-09	s	SCREW +BVTT 2.6x5
144	7-685-881-01	s	SCREW +BVTT 4x8
145	7-685-885-01	s	SCREW +BVTT 4x16
146	7-688-004-11	s	W4, MIDDLE

MAIN ASSY



Index No.	Parts No.	SP	Description
201	A-7850-636-B	o	COMPLETE PCB, PWT-1
202	A-7850-638-A	o	COMPLETE PCB, KC-17
203	A-7850-640-A	o	COMPLETE PCB, CS-24
204	A-7850-642-A	o	COMPLETE PCB, RS-24
205	A-7850-644-A	o	COMPLETE PCB, RLD-1
206	A-7850-646-A	o	COMPLETE PCB, MB-194
207	X-4882-438-0	o	ARM ASSY, STOPPER
208	X-4882-445-0	o	STOPPER ASSY, FRONT DOOR
209	1-554-967-12	s	SWITCH, PUSH (AC POWER)(1 KEY)
210	1-562-148-11	o	HOUSING, CONNECTOR 3P
	1-564-026-00	o	CONTACT, RECEPTACLE
211	1-562-149-11	o	HOUSING, CONNECTOR 4P
	1-564-026-00	o	CONTACT, RECEPTACLE
212	1-562-150-11	o	HOUSING, CONNECTOR 5P
	1-564-026-00	o	CONTACT, RECEPTACLE
213	1-562-151-11	o	HOUSING, CONNECTOR 6P
	1-564-026-00	o	CONTACT, RECEPTACLE
214	1-562-157-11	o	HOUSING, CONNECTOR 12P
	1-564-026-00	o	CONTACT, RECEPTACLE
215	1-562-210-11	o	CONTACT, CONNECTOR
	1-562-211-11	o	HOUSING, CONNECTOR 3P
216	1-562-210-11	o	CONTACT, CONNECTOR
	1-562-285-11	o	HOUSING, CONNECTOR 4P
217	1-562-210-11	o	CONTACT, CONNECTOR
	1-562-800-11	o	HOUSING, CONNECTOR 9P
218	1-562-958-11	o	HOUSING, CONNECTOR 15P
	1-564-026-00	o	CONTACT, RECEPTACLE
219	1-562-958-21	o	HOUSING, CONNECTOR 15P
	1-564-026-00	o	CONTACT, RECEPTACLE
220	1-562-958-31	o	HOUSING, CONNECTOR 15P
221	1-563-115-11	o	CONNECTOR, PS
	1-563-119-11	o	CONNECTOR, PS 10P
222	1-620-916-11	o	PC BOARD, PE-18
223	1-625-572-11	o	PC BOARD, TM-24
224	1-942-125-12	o	HARNESS (FLAT CABLE ASSY 20P)
225	1-942-503-11	o	HARNESS (FLAT CABLE ASSY)
226	1-942-504-11	o	HARNESS (FLAT CABLE ASSY)
227	1-942-506-11	o	HARNESS (FLAT CABLE ASSY)
228	3-668-048-01	o	SPACER (4x12)
229	3-670-570-00	o	SPACER, SUPPORT
230	3-673-676-32	o	RAIL, PC BOARD GUIDE
231	3-659-619-11	o	HOLDER, PC BOARD
232	3-715-610-02	s	KNOB, PS
233	3-715-611-03	s	GUARD, PS
234	4-886-821-01	s	SCREW, M3 CASE
235	4-889-908-00	o	BRACKET, BAND
236	4-921-518-02	o	BRACKET, POWER SW
237	4-924-655-02	s	SCREW (CLAW), TIGHT
238	4-927-014-01	s	SPRING, TENSION
239	4-927-016-01	o	PIN, ES-SPRING
240	4-927-017-01	o	YOKE
241	4-927-144-01	o	PANEL (RLD), ORNAMENTAL, SV PCB
242	4-927-145-01	o	PANEL (RS), ORNAMENTAL, SV PCB
243	4-927-146-01	o	PANEL (CS), ORNAMENTAL, SB PCB
244	4-927-147-01	o	SEAL, PC BOARD
245	4-927-264-02	o	SHAFT, LOCK (Serial No. 10016 and higher)
	4-928-327-01	o	SHAFT, LOCK (Up to Serial No. 10015)
246	4-927-265-01	o	KNOB, LOCK (Up to Serial No. 10015 only)
247	4-927-266-01	o	CAP, SHEET (Up to Serial No. 10015 only)
248	4-927-268-01	o	PANEL, SV PC BOARD FITTING (Serial No. 10016 and higher)
	4-928-328-01	o	PANEL, SV PC BOARD FITTING (Up to Serial No. 10015)
249	7-624-108-04	s	STOP RING 4.0, TYPE-E (Up to Serial No. 10015 only)
250	7-624-111-04	s	STOP RING 7.0, TYPE-E
251	7-682-646-09	s	SCREW +PS 3x5
252	7-682-647-09	s	SCREW +PS 3x6
253	7-682-666-09	s	SCREW +PS 4x20
254	7-682-947-01	s	SCREW +PSW 3x6
255	7-684-025-04	s	N 5, TYPE 2
256	7-685-871-09	s	SCREW +BVTT 3x6
257	8-719-955-32	s	DIODE PG5531KX
258	4-928-322-01	o	BUSHING, RUBBER (Serial No. 10016 and higher only)

MAIN ASSY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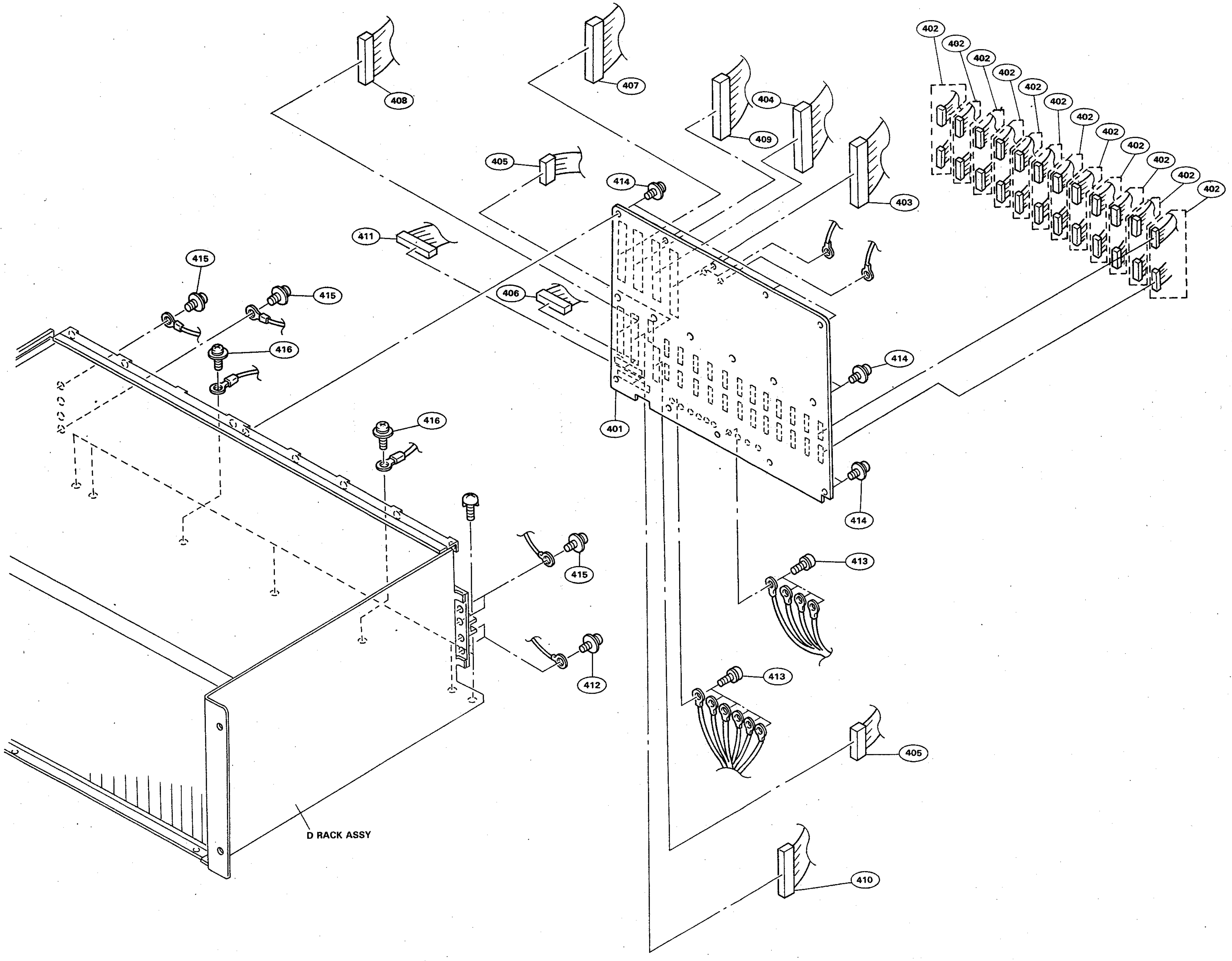
Index No.	Parts No.	SP	Description
301	A-7850-650-A	o	COMPLETE PCB, MB-195
⚠302	1-413-363-11	o	REGULATOR, SWITCHING (For J and UC)
	1-413-364-11	o	REGULATOR, SWITCHING (For EK)
303	1-506-740-11	o	TERMINAL, SOLDERLESS
	1-561-515-00	o	HOUSING, CONNECTOR 3P
	1-562-149-11	o	HOUSING, CONNECTOR 4P
	1-564-026-11	o	CONTACT, RECEPTACLE
304	1-562-151-11	o	HOUSING, CONNECTOR 6P
	1-562-185-00	o	HOUSING, CONNECTOR 14P
	1-564-026-00	o	CONTACT, RECEPTACLE
305	1-562-151-11	o	HOUSING, CONNECTOR 6P
	1-564-026-00	o	CONTACT, RECEPTACLE
306	1-574-067-11	o	COARD (WITH CONNECTOR)
307	1-942-498-11	o	HARNESS (FLAT CABLE ASSY)
308	1-942-499-11	o	HARNESS (FLAT CABLE ASSY)
309	1-942-500-11	o	HARNESS (FLAT CABLE ASSY)
310	1-942-501-11	o	HARNESS (FLAT CABLE ASSY)
311	1-942-502-11	o	HARNESS (FLAT CABLE ASSY)
312	1-942-503-11	o	HARNESS (FLAT CABLE ASSY)
313	1-942-504-11	o	HARNESS (FLAT CABLE ASSY)
314	1-942-505-11	o	HARNESS (FLAT CABLE ASSY)
315	1-942-507-11	o	HARNESS (FLAT CABLE ASSY)
316	1-942-508-11	o	HARNESS (FLAT CABLE ASSY)
317	1-942-510-11	o	HARNESS (FLAT CABLE ASSY)
318	1-942-514-11	o	HARNESS (FLAT CABLE ASSY)
319	1-942-519-11	o	HARNESS (FLAT CABLE ASSY)
320	1-942-521-11	o	HARNESS (FLAT CABLE ASSY)
321	3-487-042-00	s	RUBBER, FRONT CUSHION
322	3-668-048-01	o	SPACER (4x12)
323	3-703-354-01	s	SCREW (OS), CASE, CLAW 3P
324	4-924-674-01	o	CASTER (NO STOPPER)
325	4-924-673-01	o	CASTER (STOPPER)
326	4-927-015-01	o	RUBBER, MECH LOCK
327	4-927-018-01	o	CAP, FRAME
328	4-927-019-01	o	PLATE (LEFT), HINGE
329	4-927-020-01	o	PLATE (RIGHT), HINGE
330	7-623-210-22	s	SW 4, TYPE 2
331	7-623-214-22	s	SW 8
332	7-682-647-09	s	SCREW +PS 3x6
333	7-682-666-09	s	SCREW +PS 4x20
334	7-682-948-01	s	SCREW +PSW 3x8
335	7-682-961-01	s	SCREW +PSW 4x8
336	7-683-379-07	s	BOLT, HEXAGON 8x16
337	7-683-419-04	s	BOLT, HEXAGON SOCKET 4x8
338	7-688-004-11	s	W 4, MIDDLE

MAIN ASSY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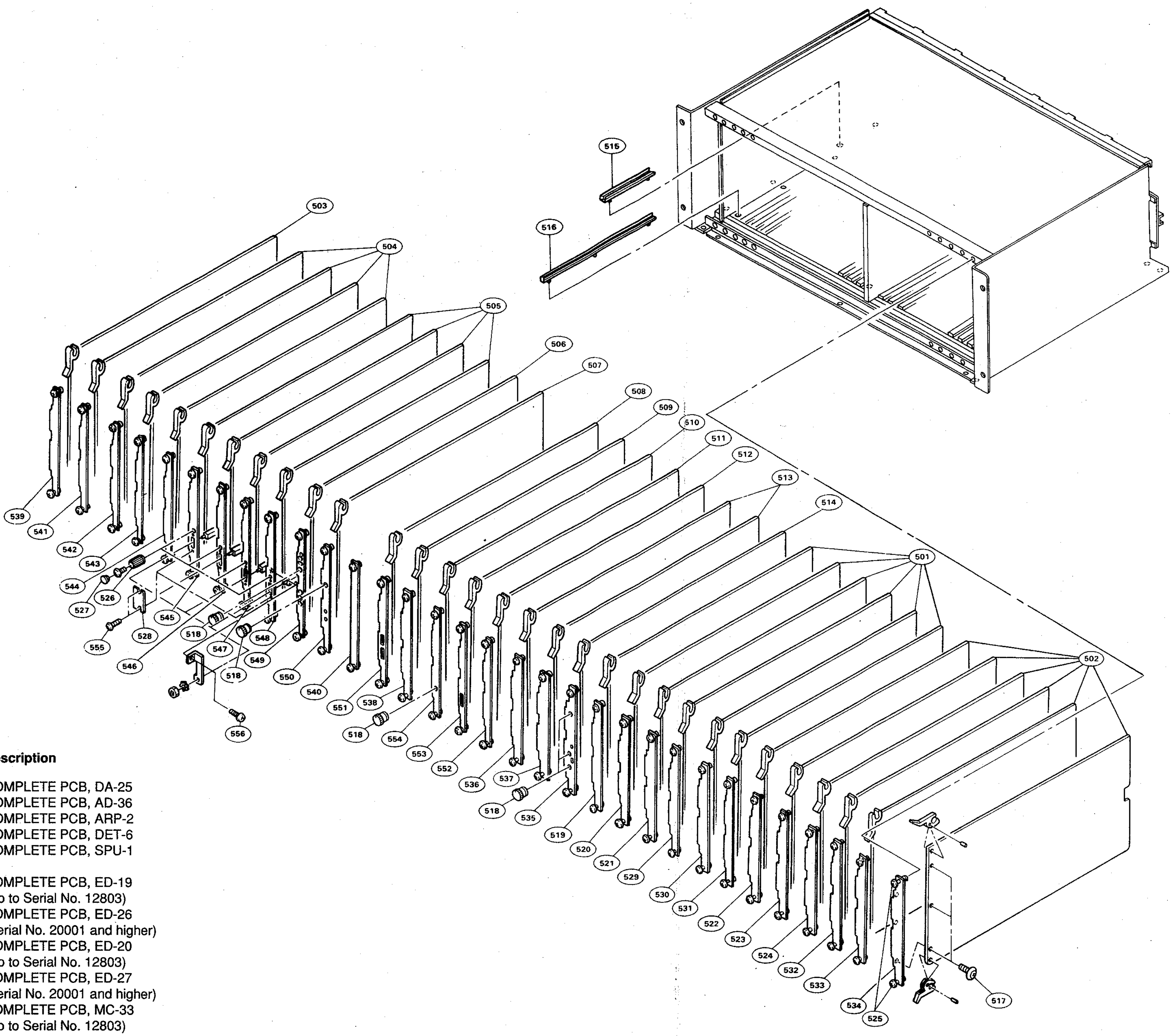
D RACK ASSY

Index No.	Parts No.	SP	Description
401	A-7850-652-A	o	COMPLETE PCB, MB-196
402	1-562-026-00	o	CONTACT, RECEPTACLE
	1-562-157-11	o	HOUSING, CONNECTOR 12P
403	1-942-502-11	o	HARNESS (FLAT CABLE ASSY)
404	1-942-505-11	o	HARNESS (FLAT CABLE ASSY)
405	1-942-507-11	o	HARNESS (FLAT CABLE ASSY)
406	1-942-509-11	o	HARNESS (FLAT CABLE ASSY)
407	1-942-515-11	o	HARNESS (FLAT CABLE ASSY)
408	1-942-516-11	o	HARNESS (FLAT CABLE ASSY)
409	1-942-517-11	o	HARNESS (FLAT CABLE ASSY)
410	1-942-518-11	o	HARNESS (FLAT CABLE ASSY)
411	1-942-519-11	o	HARNESS (FLAT CABLE ASSY)
412	3-304-222-01	s	SCREW
413	7-682-647-09	s	SCREW +PS 3x6
414	7-682-648-09	s	SCREW +PS 3x8
415	7-682-661-09	s	SCREW +PS 4x8
416	7-682-961-01	s	SCREW +PSW 4x8

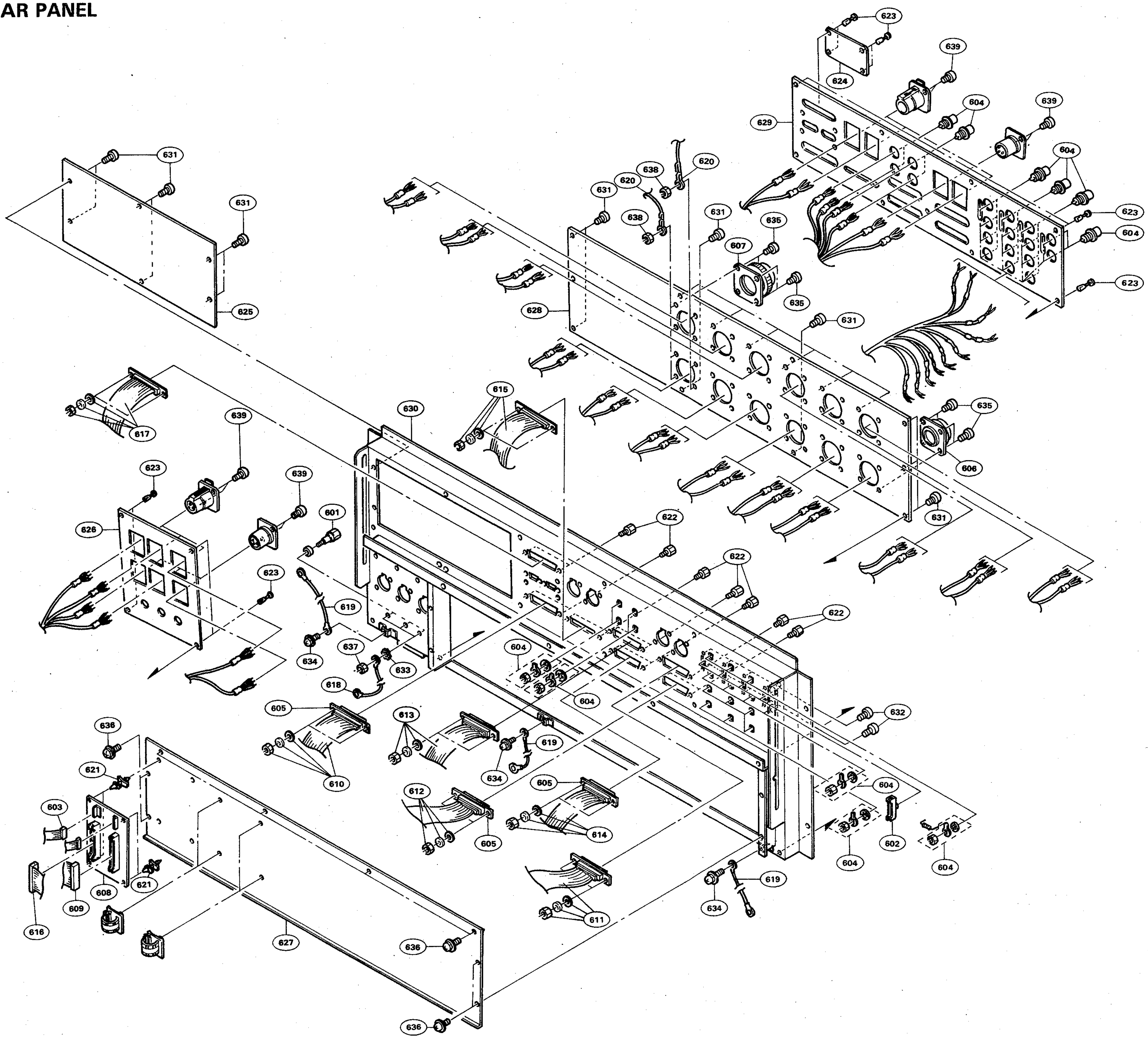
CARD RACK



Index No.	Parts No.	SP	Description
501	A-7850-600-A	o	COMPLETE PCB, DA-25
502	A-7850-602-A	o	COMPLETE PCB, AD-36
503	A-7850-654-A	o	COMPLETE PCB, ARP-2
504	A-7850-656-A	o	COMPLETE PCB, DET-6
505	A-7850-658-A	o	COMPLETE PCB, SPU-1
506	A-7850-660-A	o	COMPLETE PCB, ED-19 (Up to Serial No. 12803)
	A-7850-895-A	o	COMPLETE PCB, ED-26 (Serial No. 20001 and higher)
507	A-7850-662-A	o	COMPLETE PCB, ED-20 (Up to Serial No. 12803)
	A-7850-897-A	o	COMPLETE PCB, ED-27 (Serial No. 20001 and higher)
508	A-7850-664-A	o	COMPLETE PCB, MC-33 (Up to Serial No. 12803)
	A-7850-905-A	o	COMPLETE PCB, MC-33A (Serial No. 20001 and higher)
509	A-7850-666-A	o	COMPLETE PCB, CK-31
510	A-7850-668-A	o	COMPLETE PCB, TC-50 (Up to Serial No. 12803)
	A-7850-900-A	o	COMPLETE PCB, TC-68 (Serial No. 20001 and higher)

Index No.	Parts No.	SP	Description
511	A-7850-670-A	o	COMPLETE PCB, TRC-1 (Up to Serial No. 12803)
	A-7850-899-A	o	COMPLETE PCB, TRC-1A (Serial No. 20001 and higher)
512	A-7850-672-A	o	COMPLETE PCB, CTL-2
513	A-7850-674-A	o	COMPLETE PCB, DIO-5
514	A-7850-676-A	o	COMPLETE PCB, MAE-1
515	3-673-676-11	o	RAIL, PC BOARD GUIDE
516	3-673-676-41	o	RAIL, GUIDE, PC BOARD
517	3-703-486-01	o	SCREW +PTT WH 3x5
518	4-902-067-11	s	KNOB, CONTROL
519	4-921-565-01	o	PANEL (DA-1), PCB ORNAMENTAL
520	4-921-566-01	o	PANEL (DA-2), PCB ORNAMENTAL
521	4-921-567-01	o	PANEL (DA-3), PCB ORNAMENTAL
522	4-921-589-01	o	PANEL (AD-1), PCB ORNAMENTAL
523	4-921-590-01	o	PANEL (AD-2), PCB ORNAMENTAL
524	4-921-591-01	o	PANEL (AD-3), PCB ORNAMENTAL
525	4-924-655-02	s	SCREW (CLAW), TIGHT
526	4-927-006-01	o	KNOB, BUTTON
527	4-927-007-01	o	CAP, FLAT
528	4-927-008-01	o	PLATE, BLIND, CRC OUT
529	4-927-148-01	o	PANEL (DA-4), ORNAMENTAL, PCB
530	4-927-149-01	o	PANEL (DA-5), ORNAMENTAL, PCB
531	4-927-150-01	o	PANEL (DA-6), ORNAMENTAL, PCB
532	4-927-151-01	o	PANEL (AD-4), ORNAMENTAL, PCB
533	4-927-152-01	o	PANEL (AD-5), ORNAMENTAL, PCB
534	4-927-153-01	o	PANEL (AD-6), ORNAMENTAL, PCB
535	4-927-154-01	o	PANEL (MAE), ORNAMENTAL, PCB
536	4-927-155-01	o	PANEL (DIO-1), ORNAMENTAL, PCB
537	4-927-156-01	o	PANEL (DIO-2), ORNAMENTAL, PCB
538	4-927-157-01	o	PANEL (CK), ORNAMENTAL, PCB
539	4-927-158-01	o	PANEL (ARP), ORNAMENTAL, PCB
540	4-927-159-01	o	PANEL (OPTION), ORNAMENTAL, PCB
541	4-927-160-01	o	PANEL (DET-1), ORNAMENTAL, PCB
542	4-927-161-01	o	PANEL (DET-2), ORNAMENTAL, PCB
543	4-927-162-01	o	PANEL (DET-3), ORNAMENTAL, PCB
544	4-927-163-01	o	PANEL (DET-4), ORNAMENTAL, PCB
545	4-927-164-01	o	PANEL (SPU-1), ORNAMENTAL, PCB
546	4-927-165-01	o	PANEL (SPU-2), ORNAMENTAL, PCB
547	4-927-166-01	o	PANEL (SPU-3), ORNAMENTAL, PCB
548	4-927-167-01	o	PANEL (SPU-4), ORNAMENTAL, PCB
549	4-927-168-01	o	PANEL (ED-1), ORNAMENTAL, PCB
550	4-927-169-01	o	PANEL (ED-2), ORNAMENTAL, PCB (Up to Serial No.12803)
	3-173-761-01	o	PANEL (ED-2), ORNAMENTAL,PCB (Serial No. 20001 and higher)
551	4-927-170-01	o	PANEL (MC), ORNAMENTAL, PCB
552	4-927-171-01	o	PANEL (CTL), ORNAMENTAL, PCB
553	4-927-172-01	o	PANEL (TRC), ORNAMENTAL, PCB
554	4-927-173-01	o	PANEL (TC), ORNAMENTAL, PCB (Up to Serial No. 12803)
	3-173-762-01	o	PANEL (TC), ORNAMENTAL, PCB (Serial No. 20001 and higher)
555	7-621-775-20	s	SCREW +B 2.6x5
556	7-685-751-01	s	SCREW +PTT 3x6

REAR PANEL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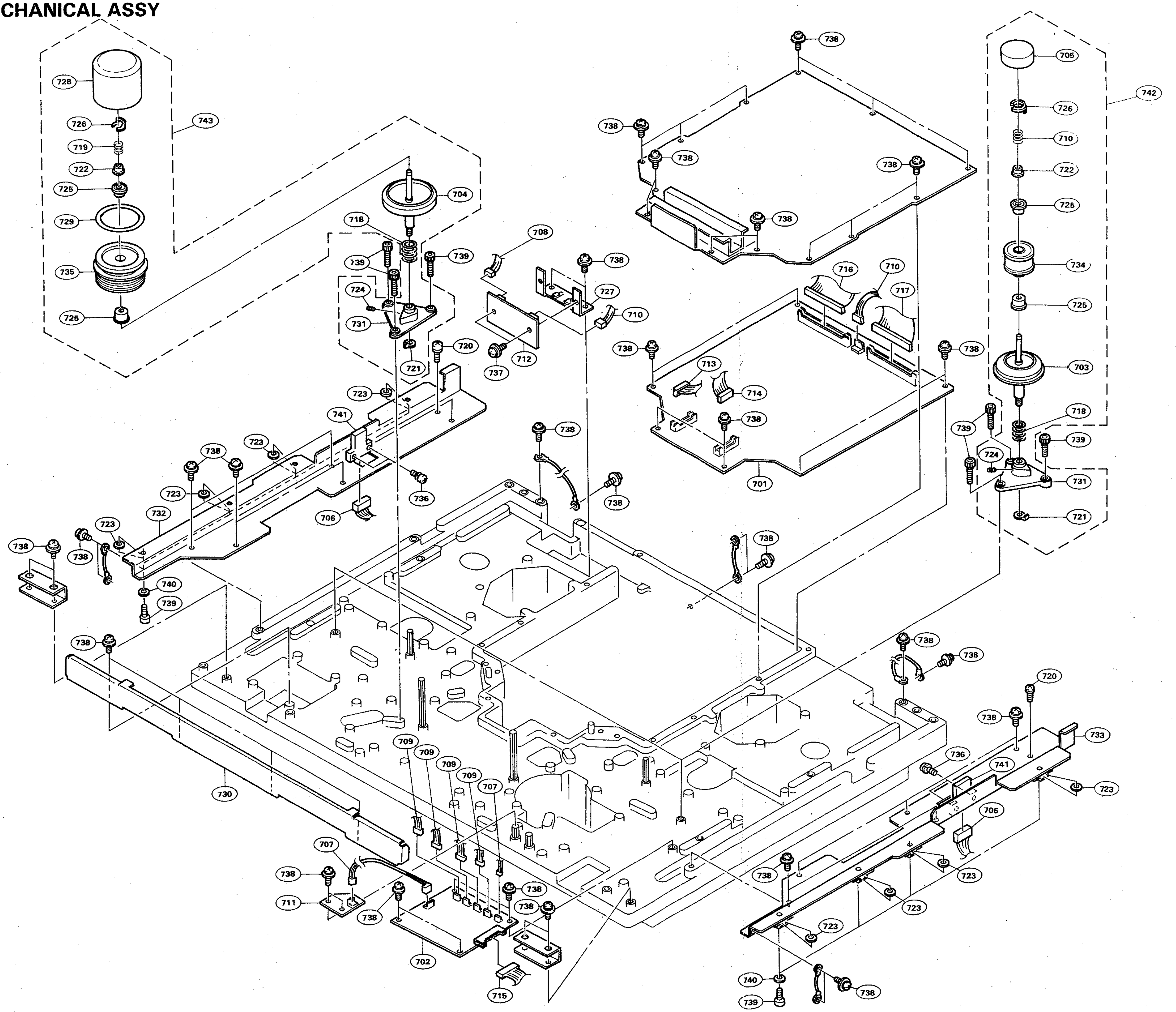
Index No.	Parts No.	SP	Description
601	X-4801-204-0	o	TERMINAL ASSY
602	1-514-461-21	s	SLIDE SWITCH
603	1-562-151-11	o	CONNECTOR, HOUSING 6P
	1-564-026-00	o	CONTACT, RECEPTACLE
604	1-562-261-21	o	CONNECTOR, COAXIAL (BNC)
605	1-563-819-11	s	SOCKET, D-SUB CONNECTOR 50P
606	1-565-702-11	s	RECEPTACLE, MULTI CONNECTOR 27P
607	1-565-703-11	s	RECEPTACLE, MULTI CONNECTOR 27P
608	1-627-321-12	o	PC BOARD, CN-250
609	1-942-506-11	o	HARNESS (FLAT CABLE ASSY)
610	1-942-514-11	o	HARNESS (FLAT CABLE ASSY)
611	1-942-515-11	o	HARNESS (FLAT CABLE ASSY)
612	1-942-516-11	o	HARNESS (FLAT CABLE ASSY)
613	1-942-517-11	o	HARNESS (FLAT CABLE ASSY)
614	1-942-518-11	o	HARNESS (FLAT CABLE ASSY)
615	1-942-519-11	o	HARNESS (FLAT CABLE ASSY)
616	1-942-520-11	o	HARNESS (FLAT CABLE ASSY)
617	1-942-520-11	o	HARNESS (FLAT CABLE ASSY)
618	1-942-535-11	o	HARNESS (GND3)
619	1-942-536-11	o	HARNESS (GND4)
620	1-942-537-11	o	HARNESS (GND5)
621	3-663-236-00	o	HOLDER, PCB
622	3-668-459-11	o	SCREW, CONNECTOR
623	4-812-134-11	s	RIVET NYLON, 3.5
624	4-927-084-01	o	PANEL, REMOTE BLANK
625	4-927-197-01	o	PANEL, RIO BLANK
626	4-927-198-01	o	PLATE (B), ORNAMENTAL, REAR, D
627	4-927-221-01	o	PLATE, SHIELD, CONNECTOR
628	4-927-222-01	o	PANEL, MULTI (REAR)
629	4-927-230-01	o	PLATE (A), ORNAMENTAL, PANEL
630	4-927-239-01	o	PANEL, D REAR
631	7-322-449-01	s	SCREW +B3x6
632	7-621-775-10	s	SCREW +B 2.6x4
633	7-623-422-07	s	LW 3, TYPE B
634	7-682-661-09	s	SCREW +PS 4x8
635	7-682-663-09	s	SCREW +PS 4x12
636	7-682-947-01	s	SCREW +PSW 3x6
637	7-684-023-04	s	N3, TYPE 2
638	7-684-024-04	s	N 4, TYPE 2
639	7-685-792-04	s	SCREW +PTT 2.6x6

MECHANICAL ASSY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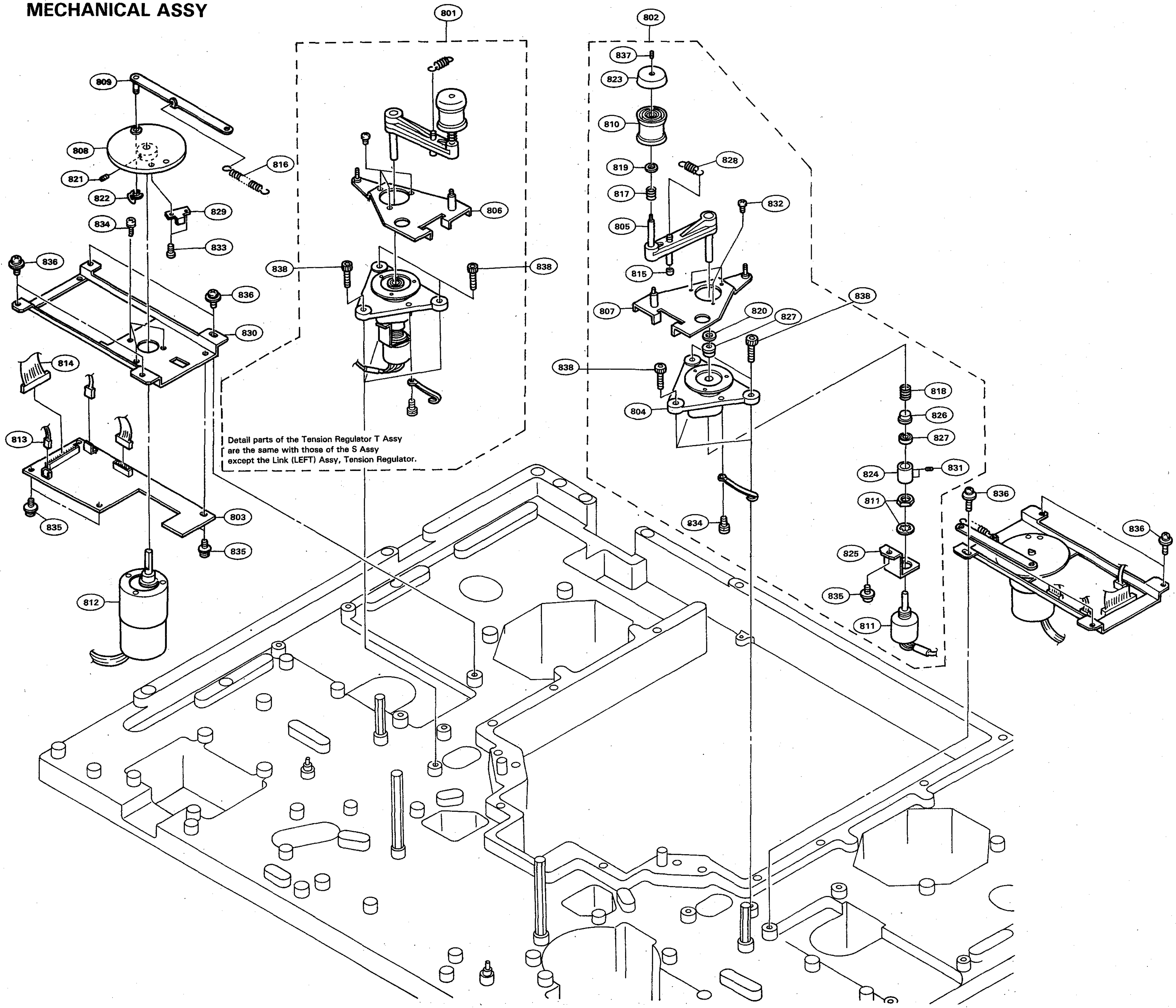
Index No.	Parts No.	SP	Description
701	A-7850-632-A	o	COMPLETE PCB, PRE-1
702	A-7850-727-A	o	COMPLETE PCB, PTN-1
703	X-4927-019-1	o	SHAFT (1) ASSY, GUIDE ROLLER
704	X-4927-020-1	o	SHAFT (2) ASSY, GUIDE ROLLER
705	X-4927-034-1	o	CAP (1) ASSY, GUIDE ROLLER
706	1-535-243-21	o	CONTACT, CONNECTOR
	1-561-148-00	o	HOUSING, CONNECTOR 4P
707	1-562-147-11	o	HOUSING, CONNECTOR 2P
	1-564-026-00	o	CONTACT, RECEPTACLE
708	1-562-149-11	o	HOUSING, CONNECTOR 4P
	1-562-210-11	o	CONTACT, CONNECTOR
709	1-562-149-11	o	HOUSING, CONNECTOR
	1-564-026-00	o	CONTACT, RECEPTACLE
710	1-562-210-11	o	CONTACT, CONNECTOR
	1-562-211-11	o	HOUSING, CONNECTOR 3P
711	1-627-104-11	o	PC BOARD, SW-311
712	1-627-124-11	o	PC BOARD, FL-60
713	1-942-123-11	o	HARNESS (FLAT CABLE ASSY)
714	1-942-124-11	o	HARNESS (FLAT CABLE ASSY)
715	1-942-125-11	o	HARNESS (FLAT CABLE ASSY 20P)
716	1-942-500-11	o	HARNESS (FLAT CABLE ASSY)
717	1-942-501-11	o	HARNESS (FLAT CABLE ASSY)
718	2-282-404-00	s	SPRING, COMPRESSION
719	3-148-662-00	s	SPRING, COMPRESSION
720	3-304-222-01	s	SCREW
721	3-534-233-00	s	NUT, ADJUSTMENT
722	3-651-364-00	o	COLLAR, GR
723	3-659-350-00	s	POLY-SLIDER
724	3-701-512-01	s	SET SCREW, DOUBLE POINT,(M4x8)
725	4-888-483-01	s	BEARING, BALL
726	4-927-010-31	s	CLIP, KL
727	4-927-080-01	o	BRACKET, FL PC BOARD
728	4-927-126-01	o	CAP (2), GUIDE ROLLER
729	4-927-127-01	o	RING, O
730	4-927-176-01	o	REINFORCEMENT, MECHANICAL PANEL
731	4-927-203-01	o	BOSS, ROLLER
732	4-927-208-01	o	BRACKET (LEFT), PANEL
733	4-927-209-01	o	BRACKET (RIGHT), PANEL
734	X-4927-038-1	o	ROLLER (1) ASSY, GUIDE
735	4-927-286-01	o	ROLLER (2), GUIDE
736	7-682-648-09	s	SCREW +PS 3x8
737	7-682-948-01	s	SCREW +PSW 3x8
738	7-682-967-01	s	SCREW +PSW 3x6
739	7-683-422-04	s	BOLT, HEXAGON SOCKET 4x14
740	7-688-004-01	s	W-4, MIDDLE
741	8-719-945-85	s	EE-SPY302
742	A-7810-413-A	o	ROLLER (1) ASSY, GUIDE (This assembly includes the (734).)
743	A-7810-414-A	o	ROLLER (2) ASSY, GUIDE

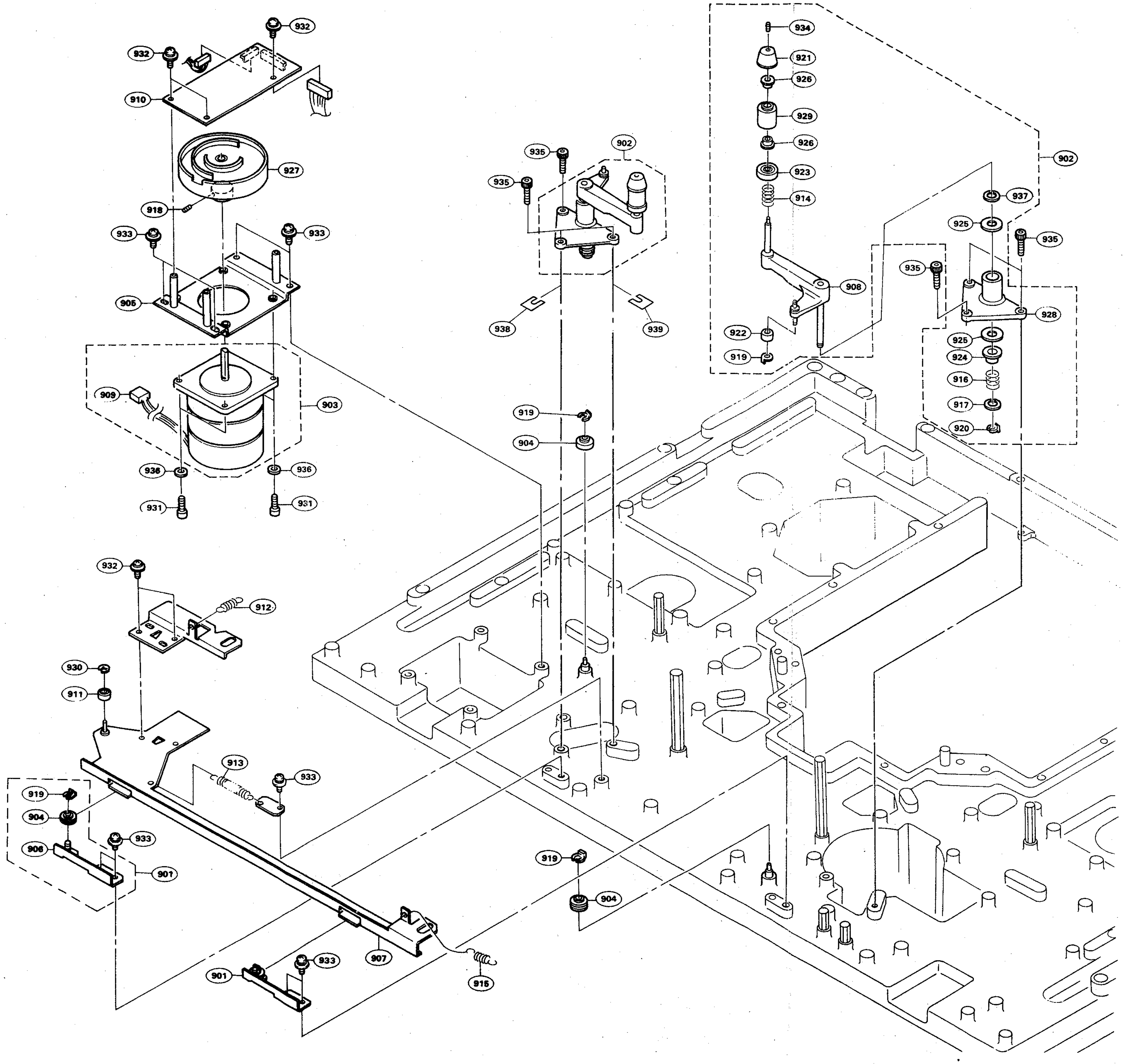
MECHANICAL ASSY



Detail parts of the Tension Regulator T Assy are the same with those of the S Assy except the Link (LEFT) Assy, Tension Regulator.

Index No.	Parts No.	SP	Description
801	A-7810-407-A	o	REGULATOR (S) ASSY, TENSION
802	A-7810-408-A	o	REGULATOR (T) ASSY, TENSION
803	A-7850-678-A	o	MOUNTED PCB, GMT-1
804	X-4927-011-1	o	BOSS ASSY, TENSION REGULATOR
805	X-4927-012-1	o	ARM ASSY, TENSION
806	X-4927-013-1	o	LINK (LEFT) ASSY, TENSION REGULATOR
807	X-4927-014-1	o	LINK (RIGHT) AASY, TENSION REGULATOR
808	X-4927-015-1	o	WHEEL ASSY, CRANK
809	X-4927-016-1	o	LINK (2)ASSY,TENSION REGULATOR
810	X-4927-033-1	s	ROLLER ASSY, TENSION
811	1-228-916-00	s	POTENTIO METER
812	1-541-198-00	s	MOTOR, GEARED
813	1-562-147-00	o	HOUSING, CONNECTOR 2P
	1-564-026-00	o	CONTACT, RECEPTACLE
814	1-562-958-21	o	HOUSING, CONNECTOR
	1-564-026-00	o	CONTACT, RECEPTACLE
815	3-305-651-00	s	RETAINER, LED
816	3-642-433-02	s	SPRING, TENSION
817	3-642-780-00	s	SPRING, COMPRESSION
818	3-651-396-00	s	SPRING, COMPRESSION
819	3-701-444-21	s	WASHER, 6
820	3-701-445-21	s	WASHER, 7
821	3-701-512-01	s	SET SCREW, DOUBLE POINT, (M4x8)
822	4-927-010-11	s	CLIP, KL
823	4-927-089-01	o	CAP, TENSION ROLLER
824	4-927-090-01	o	RING, ADJUSTMENT
825	4-927-091-01	o	BRACKET, POTENTIO METER
826	4-927-092-01	o	COLLAR
827	4-927-093-01	s	BEARING (NO FLANGE), BALL
828	4-927-094-01	s	SPRING, TENSION
829	4-927-105-01	o	SHUTTER, PHOTO INTERRUPTER
830	4-927-200-01	o	BRACKET, MOTOR
831	7-621-736-09	s	SET-SCT, HEX. 2.6x5
832	7-628-253-00	s	SCREW +PS 2x4
833	7-628-253-90	s	SCREW +PS 2.6x4
834	7-682-646-09	s	SCREW +PS 3x5
835	7-682-947-01	s	SCREW +PSW 3x6
836	7-682-948-01	s	SCREW +PSW 3x8
837	7-683-237-01	o	SET-SCREW, HEX 3x3 FLAT POINT
838	7-683-422-04	s	BOLT, HEXAGON SOCKET 4x14

MECHANICAL ASSY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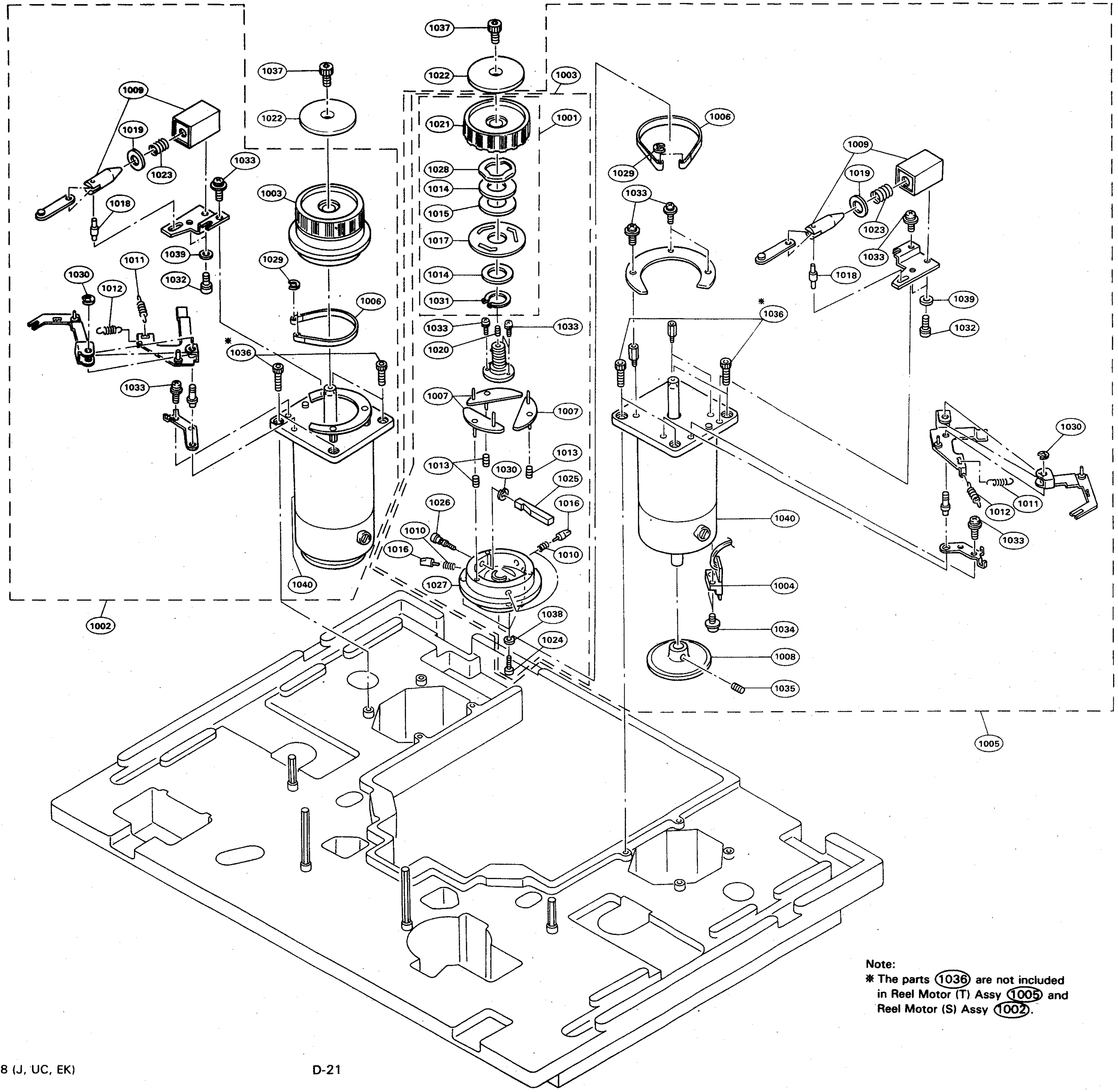
Index No.	Parts No.	SP	Description
901	A-7810-411-A	o	RETAINER ASSY, SLIDE LINK
902	A-7810-412-A	o	ROLLER, SHIFTER
903	A-7810-452-A	s	MOTOR SUB ASSY, STEP
904	X-4927-001-1	o	ROLLER (2) ASSY
905	X-4927-017-1	o	BRACKET ASSY, STEP MOTOR
906	X-4927-018-1	o	RETAINER ASSY, SLIDE LINK
907	X-4927-023-1	o	LINK (1) ASSY, SLIDE
908	X-4927-028-3	o	ARM ASSY, SHIFTER
909	1-509-987-00	o	HOUSING, IL CONNECTOR 6P
910	1-627-102-11	o	PC BOARD, PMT-1
911	2-621-007-01	s	BEARING, BALL, (B) (NO FLANGE)
912	3-480-157-01	s	SPRING, TENSION
913	3-486-109-03	s	SPRING, TENSION
914	3-576-960-00	o	SPRING, COMPRESSION
915	3-578-513-00	s	SPRING, TENSION
916	3-653-339-01	s	SPRING, COMPRESSION
917	3-701-443-21	s	WASHER, 5 DIA.
918	3-701-511-00	s	SET SCREW, DOUBLE POINT 4x6
919	4-927-010-01	s	CLIP, KL
920	4-927-010-21	s	CLIP, KL
921	4-927-113-03	o	FLANGE, UPPER, SHIFTER ROLLER
922	4-927-114-01	o	ROLLER (1)
923	4-927-115-02	o	FLANGE, LOWER, SHIFTER ROLLER
924	4-927-116-01	o	RETAINER, SPRING
925	4-927-117-01	o	RETAINER, THRUST
926	4-927-122-01	o	BEARING, BALL
927	4-927-201-02	o	CAM, REED
928	4-927-202-01	o	BOSS, SHIFTER
929	4-927-284-02	o	ROLLER, SHIFTER
930	7-624-105-04	s	STOP RING 2.3, TYPE-E
931	7-682-663-09	s	SCREW +PS 4x12
932	7-682-947-01	s	SCREW +PSW 3x6
933	7-682-948-01	s	SCREW +PSW 3x8
934	7-683-237-01	s	SET-SCT, HEX. 3x3 FLAT POINT
935	7-683-422-04	s	BOLT, HEXAGON SOCKET 4x14
936	7-688-004-01	s	W 4, SMALL
937	7-688-005-01	s	W 5, SMALL
938	4-928-337-01	s	SPACER
939	4-928-337-11	s	SPACER

REEL MOTOR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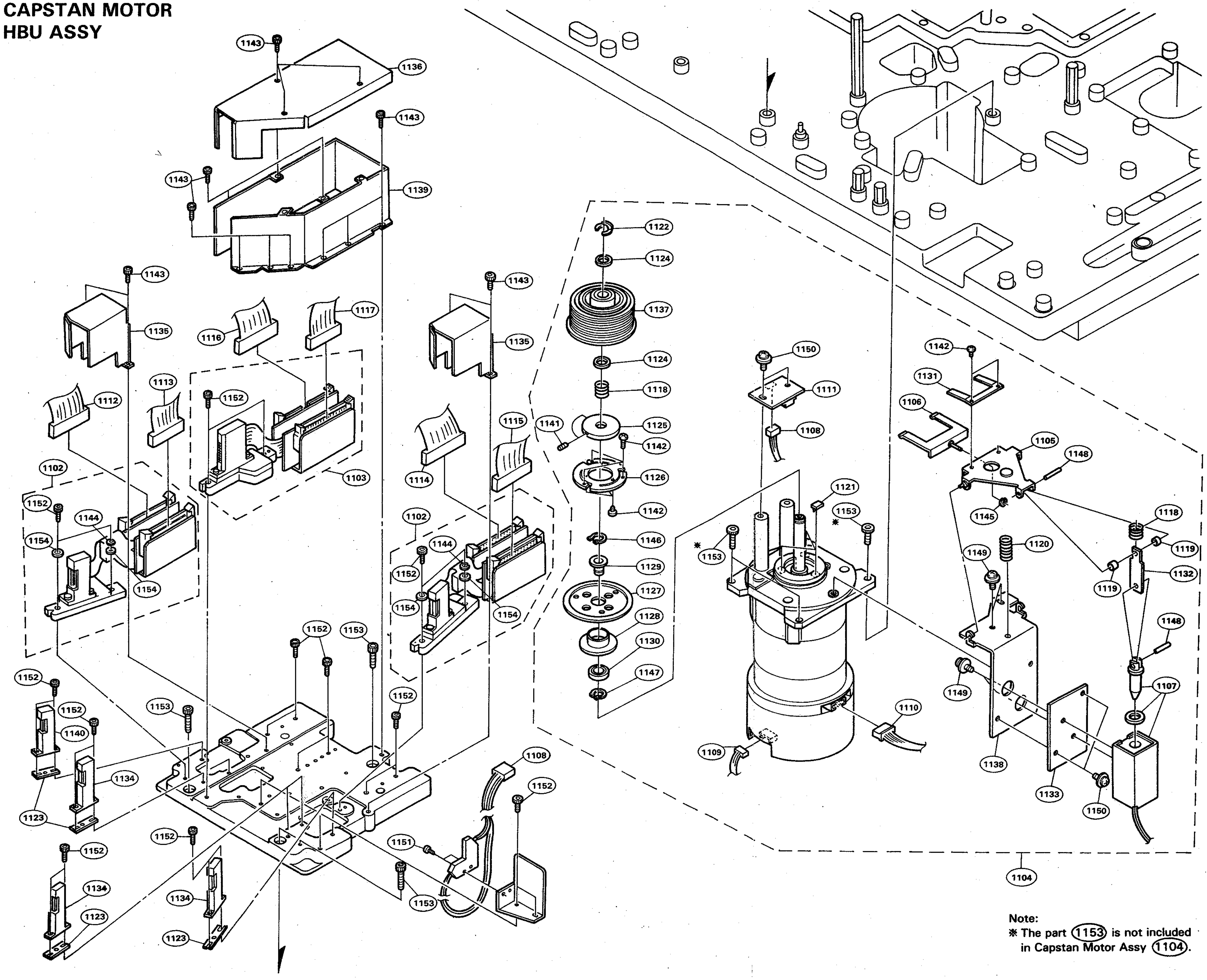
Note:
✻ The parts ⑩36 are not included in Reel Motor (T) Assy ⑩05 and Reel Motor (S) Assy ⑩02.

Index No.	Parts No.	SP	Description
1001	A-7810-353-A	o	KNOB (D) ASSY, REEL
1002	A-7810-398-A	o	MOTOR (S) ASSY, REEL
1003	A-7810-399-A	o	TABLE ASSY, REEL
1004	A-7810-400-A	o	HOLDER ASSY, R-DME
1005	A-7810-401-A	o	MOTOR (T) ASSY, REEL
1006	X-3673-601-0	s	BAND ASSY, BRAKE
1007	X-3651-315-0	o	CLAW ASSY, REEL
1008	X-4927-010-1	o	HOLDER ASSY, FG RING
1009	1-454-472-11	s	SOLENOID, PLUNGER
1010	3-558-727-00	s	SPRING, COMPRESSION
1011	3-578-390-00	s	SPRING, TENSION
1012	3-646-209-00	s	SPRING
1013	3-651-375-00	s	SPRING, COMPRESSION
1014	3-651-377-00	o	SHEET, FRICTION
1015	3-651-378-00	o	SHEET, FRICTION ADJUSTMENT
1016	3-673-680-11	o	PIN, REEL STOPPER
1017	3-673-711-02	o	PLATE, CAM, REEL
1018	3-673-810-00	o	PIN, SOLENOID
1019	3-701-447-21	s	WASHER, 10
1020	3-710-204-01	s	SCREW (4x8), HEXAGON SOCKET
1021	3-714-507-11	o	KNOB, REEL RETAINER
1022	3-714-508-11	o	COVER, REEL
1023	4-836-109-00	s	SPRING, COMPRESSION
1024	4-873-347-01	s	SHAFT, ADJUSTMENT, HIGH
1025	4-927-071-01	o	KEY, TAPER
1026	4-927-072-01	o	SCREW, DRUM FIXED
1027	4-927-192-03	o	DRUM, REEL
1028	7-623-711-07	s	WASHER 20, WAVE
1029	7-624-105-04	s	STOP RING 2.3, TYPE-E
1030	7-624-106-04	s	STOP RING 3.0, TYPE-E
1031	7-624-197-71	s	STOP RING 20, TYPE-C
1032	7-682-646-09	s	SCREW +PS 3x5
1033	7-682-647-09	s	SCREW +PS 3x6
1034	7-682-949-01	s	SCREW +PSW 3x10
1035	3-701-512-01	s	SET-SCT, DOUBLE POINT (M4×8)
1036	7-683-422-04	s	BOLT, HEXAGON SOCKET 4x14
1037	7-683-452-04	s	BOLT, HEXAGON SOCKET 6x10
1038	7-688-003-01	s	W 3, SMALL
1039	7-688-003-11	s	W 3, MIDDLE
1040	8-835-327-01	o	MOTOR, DC DTM-5245G

CAPSTAN MOTOR
HBU ASSY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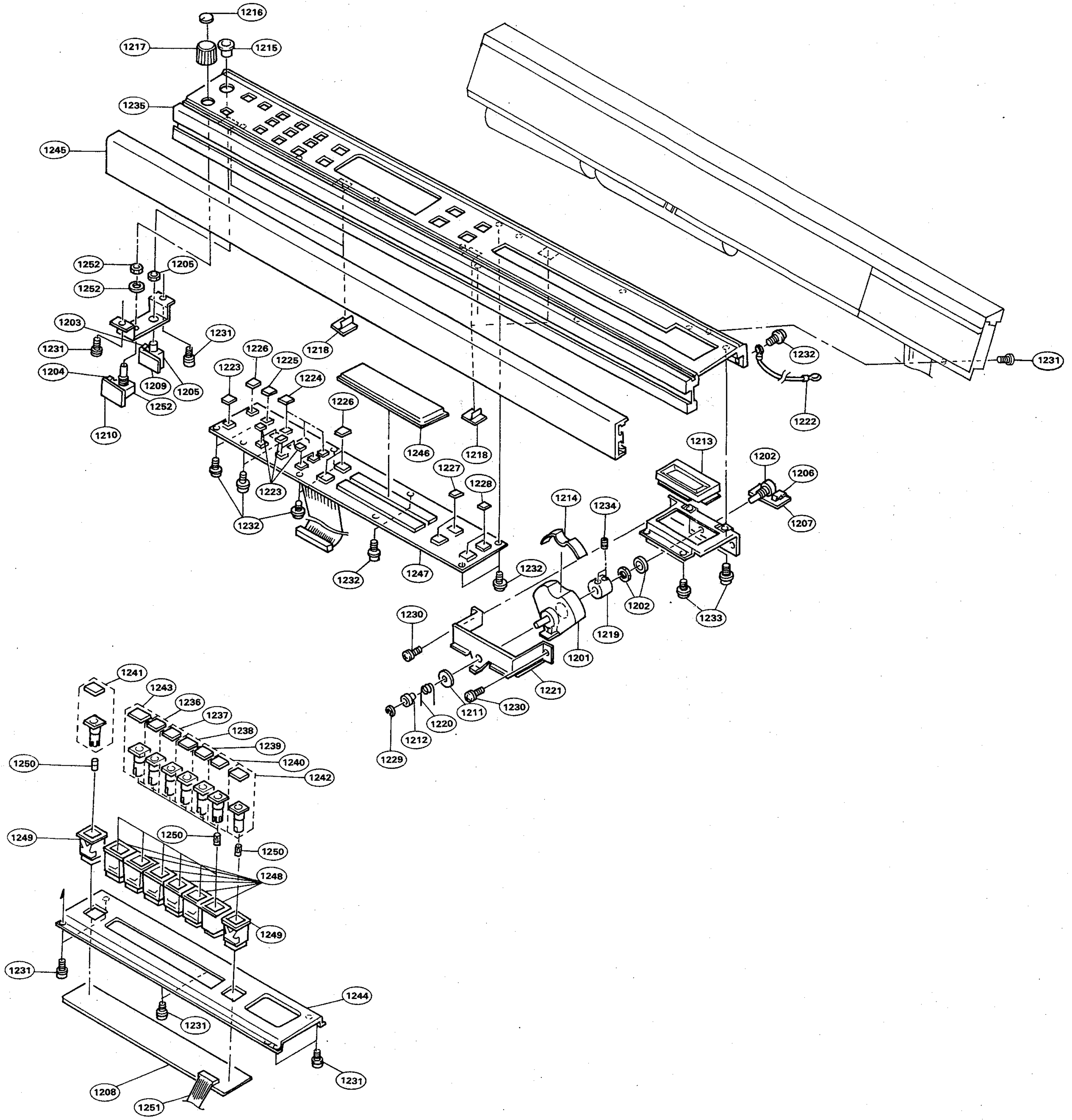
Note:
※ The part (1153) is not included in Capstan Motor Assy (1104).

Index No.	Parts No.	SP	Description
1102	A-7810-477-A	s	SUPPORT ASSY, REC HEAD
1103	A-7810-478-A	s	SUPPORT ASSY, PB HEAD
1104	A-7810-396-A	s	MOTOR ASSY, CAPSTAN
1105	X-4927-008-1	o	PLATE ASSY, SEESAW
1106	X-4927-009-1	o	FORK ASSY, RELEASE
1107	1-454-473-11	s	SOLENOID, PLUNGER
1108	1-562-149-11	o	HOUSING, CONNECTOR 4P
	1-564-026-00	o	CONTACT, RECEPTACLE
1109	1-562-150-11	o	HOUSING, CONNECTOR 5P
	1-564-026-11	o	CONTACT, RECEPTACLE
1110	1-563-115-11	o	CONNECTOR, PS
	1-563-119-11	o	CONNECTOR, PS 10P
1111	1-627-103-11	o	PC BOARD, CRF-1
1112	1-942-119-11	o	HARNESS (FLAT CABLE ASSY)
1113	1-942-120-11	o	HARNESS (FLAT CABLE ASSY)
1114	1-942-121-11	o	HARNESS (FLAT CABLE ASSY)
1115	1-942-122-11	o	HARNESS (FLAT CABLE ASSY)
1116	1-942-123-11	o	HARNESS (FLAT CABLE ASSY)
1117	1-942-124-11	o	HARNESS (FLAT CABLE ASSY)
1118	3-458-053-01	s	SPRING, COMPRESSION
1119	3-537-790-41	o	REST, ARM, TENSION
1120	3-667-224-00	o	SPRING, COMPRESSION
1121	3-847-014-02	s	CUSHION
1122	4-927-010-41	s	CLIP, KL
1123	4-927-038-01	o	SPACER, GIDE
	4-927-038-11	o	SPACER, GIDE
	4-927-038-21	o	SPACER, GIDE
1124	4-927-051-01	o	RING
1125	4-927-052-01	o	WHEEL, CLUTCH
1126	4-927-053-01	o	SPRING, LEAF
1127	4-927-054-01	o	PLATE, CLUTCH
1128	4-927-055-01	o	WHEEL, OUTER
1129	4-927-056-01	o	SLEEVE
1130	4-927-057-01	s	BEARING (NO FLANGE), BALL
1131	4-927-058-01	o	SPRING
1132	4-927-059-01	o	PLATE, LINK
1133	4-927-060-01	o	PLATE, SOLENOID
1134	4-927-183-01	o	GUIDE, TAPE
1135	4-927-184-02	o	SHIELD, REC FLEXIBLE
1136	4-927-185-02	o	SHIELD (B), PB FLEXIBLE
1137	4-927-190-01	s	ROLLER, CAPSTAN
1138	4-927-191-01	o	BASE, LINK
1139	4-927-219-01	o	SHIELD (A), PB FLEXIBLE
1140	4-927-277-02	o	GIDE, CLEANER
1141	7-621-735-09	s	SET-SCT, HEX. 2.6x4
1142	7-621-772-00	s	SCREW +B 2x3
1143	7-621-996-05	s	BOLT, HEXAGON SOCKET 2.6x5
1144	7-623-207-22	s	SW 2.6, TYPE 2
1145	7-624-105-04	s	STOP RING 2.3, TYPE-E
1146	7-624-198-01	s	STOP RING 8, TYPE C
1147	7-624-198-21	s	STOP RING 10, TYPE C
1148	7-626-320-61	s	PIN, SPRING 3x18
1149	7-682-647-09	s	SCREW +PS 3x6
1150	7-682-947-01	s	SCREW +PSW 3x6
1151	7-682-949-09	s	SCREW +PSW 3x10
1152	7-683-413-05	s	BOLT, HEXAGON SOCKET 2.6x8
1153	7-683-422-04	s	BOLT, HEXAGON SOCKET 4x14
1154	7-688-002-03	s	W 2.6, SMALL

CONTROL PANEL ASSY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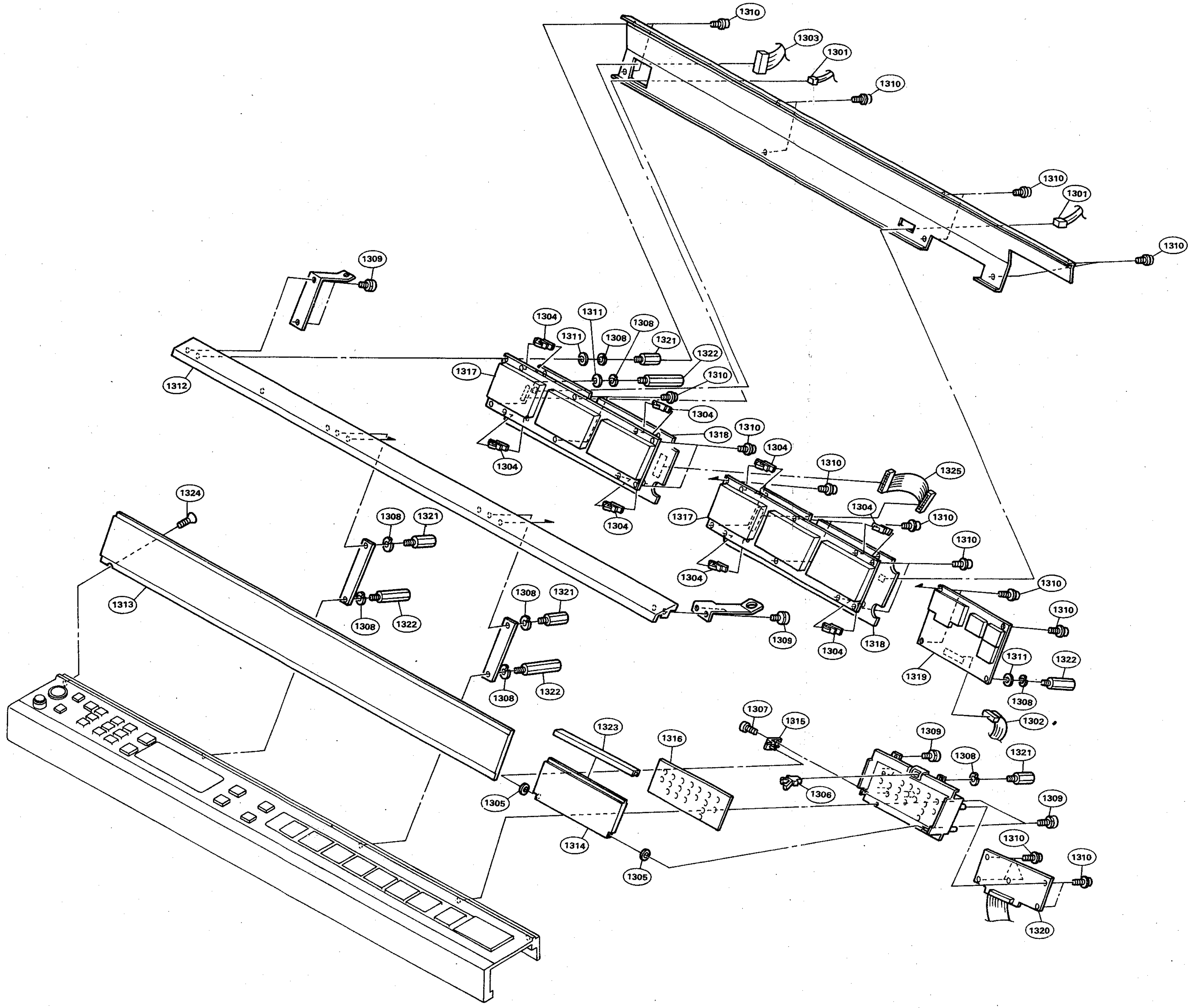
Index No.	Parts No.	SP	Description
1201	X-4920-516-2	o	DIAL ASSY
1202	1-230-739-21	o	RES, VAR, CARBON 1K
1203	1-506-469-11	o	PIN, CONNECTOR 4P
1204	1-506-471-11	o	PIN, CONNECTOR 6P
1205	1-507-649-11	o	JACK
1206	1-560-365-00	o	CONNECTOR POST HEADER, ILG (3P)
1207	1-620-326-11	o	PC BOARD, VR-56
1208	1-627-140-12	o	PC BOARD, KY-143
1209	1-627-141-11	o	PC BOARD, JK-23
1210	1-627-142-11	o	PC BOARD, VR-75
1211	2-223-917-02	s	WASHER
1212	4-313-734-00	s	BUSHING TR, Y
1213	4-882-420-00	o	GUARD, DIAL, SHUTTLE
1214	4-882-426-00	o	RUBBER, DIAL, SHUTTLE
1215	4-888-707-11	o	ESCUTCHEON, JACK
1216	4-888-884-01	o	CAP, KNOB
1217	4-888-885-00	o	KNOB
1218	4-889-908-00	o	BRACKET, BAND
1219	4-920-516-01	o	TUBE, SHUTTLE
1220	4-920-517-01	o	SPRING
1221	4-920-518-01	o	RETAINER, SHUTTLE
1222	4-927-009-01	o	CABLE, WIRE
1223	4-927-278-01	s	KEY TOP
1224	4-927-278-11	s	KEY TOP
1225	4-927-278-21	s	KEY TOP
1226	4-927-279-01	s	KEY TOP (SQUARE 10.5)
1227	4-927-279-04	s	KEY TOP (SQUARE 10.5)
1228	4-927-279-05	s	KEY TOP (SQUARE 10.5)
1229	7-624-104-04	s	STOP RING 2.0, TYPE-E
1230	7-682-254-10	s	SCREW +PS 2.6x6
1231	7-682-647-09	s	SCREW +PS 3x6
1232	7-682-947-01	s	SCREW +PSW 3x6
1233	7-682-948-01	s	SCREW +PSW 3x8
1234	7-683-238-01	s	SET-SCT, HEX. 3x4 FLAT POINT
1235	9-994-941-01	o	SASH (1)
1236	9-994-943-01	s	KEY TOP
1237	9-994-944-01	s	KEY TOP
1238	9-994-945-01	s	KEY TOP
1239	9-994-946-01	s	KEY TOP
1240	9-994-947-01	s	KEY TOP
1241	9-994-948-01	s	KEY TOP
1242	9-994-949-01	s	KEY TOP
1243	9-994-950-01	s	KEY TOP
1244	9-994-952-01	o	CHASSIS, SWITCH
1245	9-994-954-01	o	COVER, FRONT
1246	9-994-956-01	o	PANEL, INDICATOR
1247	9-994-964-01	o	MOUNTED PCB, KY-140
1248	9-994-981-01	s	SWITCH, PUSH BUTTON
1249	9-994-982-01	s	SWITCH, PUSH BUTTON
1250	9-994-983-01	s	LAMP
1251	9-995-001-01	o	HARNESS (KY-143)
1252	9-995-007-01	o	RES, VAR, CARBON 20K

CONTROL PANEL ASSY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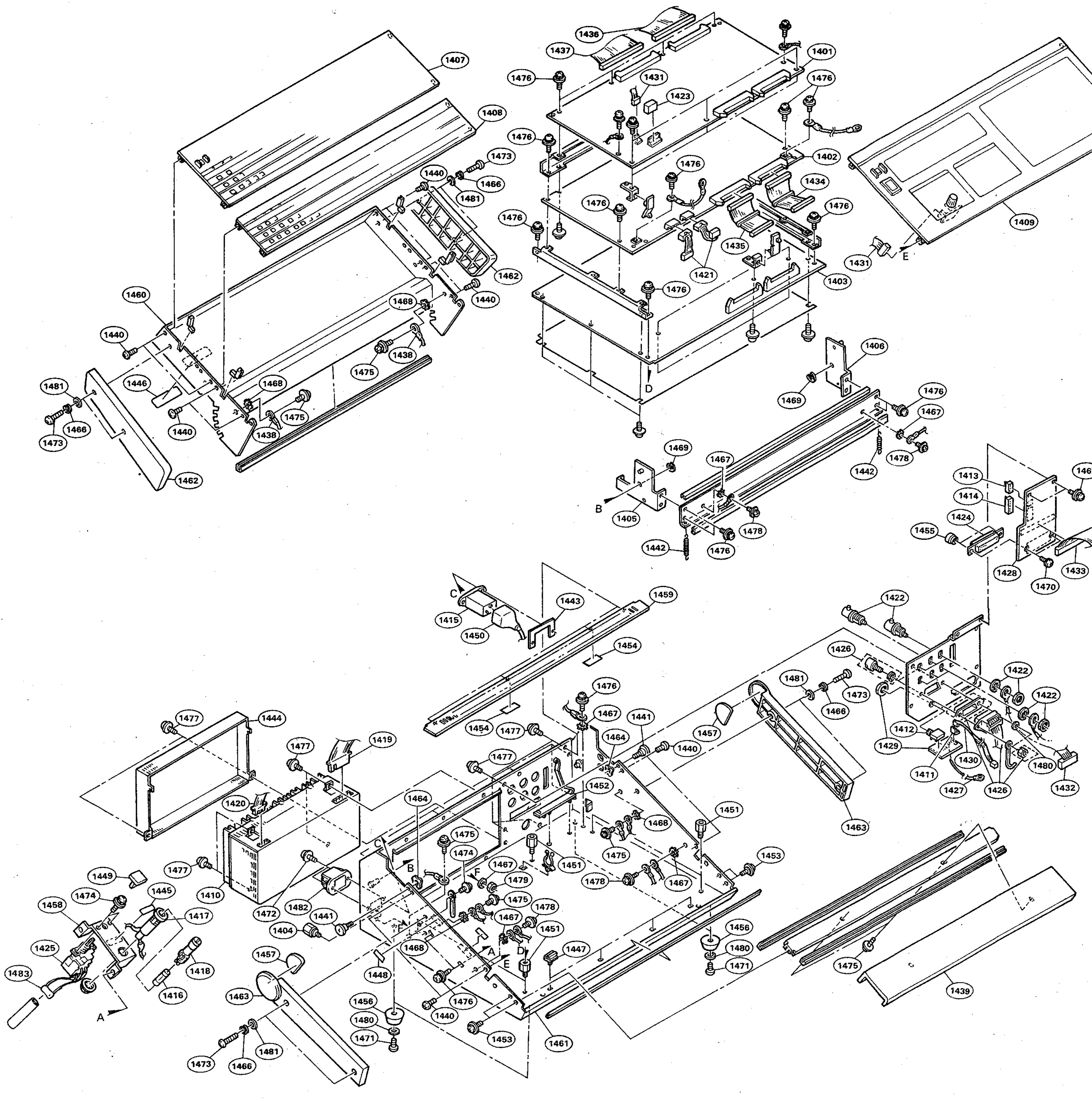
Index No.	Parts No.	SP	Description
1301	1-562-210-11	o	CONTACT, CONNECTOR
	1-562-352-11	o	HOUSING, CONNECTOR 2P
1302	1-942-508-11	o	HARNESS
1303	1-942-509-11	o	HARNESS
1304	3-660-828-00	o	HOLDER (9), PC BOARD
1305	3-701-437-11	s	WASHER
1306	4-374-714-01	o	CATCH, PUSH
1307	7-621-772-10	o	SCREW +B 2x4
1308	7-623-208-22	s	SW 3, TYPE 2
1309	7-682-647-09	s	SCREW +PS3x6
1310	7-682-947-01	s	SCREW +PSW 3x6
1311	7-688-003-11	s	W 3 MIDDLE
1312	9-994-942-01	o	SASH (2)
1313	9-994-955-01	o	PANEL, METER
1314	9-994-957-01	o	DOOR, SWITCH
1315	9-994-958-01	o	HINGE
1316	9-994-959-01	o	SHEET, INDICATOR
1317	9-994-967-01	o	MOUNTED PCB, LD-24
1318	9-994-968-01	o	COMPLETE PCB, DR-71
1319	9-994-969-01	o	MOUNTED PCB, KY-142
1320	9-994-970-01	o	MOUNTED PCB, KY-141
1321	9-994-972-01	o	SUPPORT, HEXAGON
1322	9-994-973-01	o	SUPPORT, HEXAGON
1323	9-994-975-01	o	COVER, STRIKER
1324	9-994-976-01	s	SCREW, SUPPORT, PANEL
1325	9-994-978-01	o	HARNESS
1326	7-682-249-09	s	SCREW +K3 x10

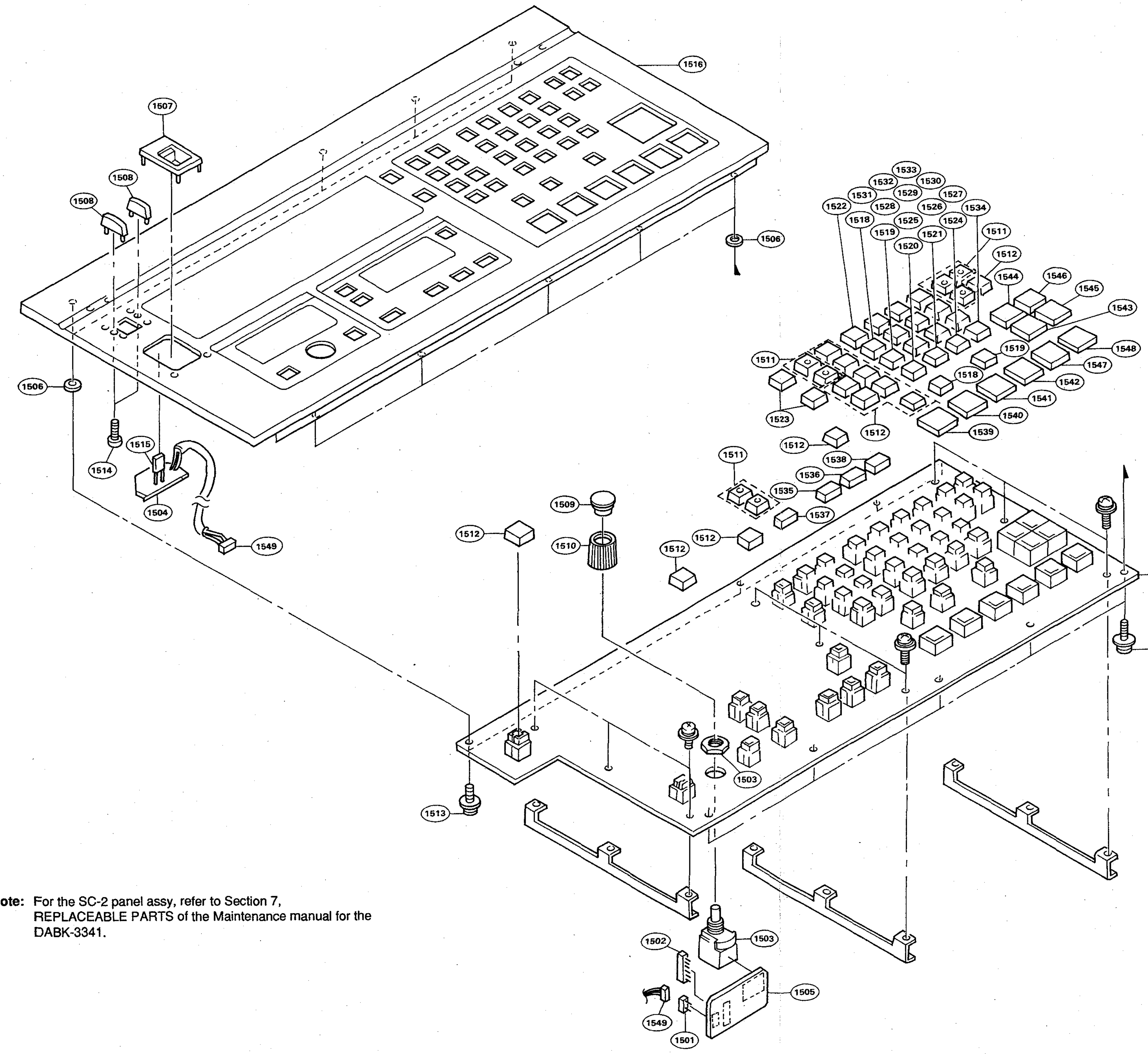
REMOTE CONTROL ASSY



Index No.	Parts No.	SP	Description
1401	A-7850-683-B	o	COMPLETE PCB, DR-70
1402	A-7850-685-A	o	COMPLETE PCB, SY-128 (Up to Serial No. 12803)
	A-7850-904-A	o	COMPLETE PCB, SY-128A (Serial No. 20001 and higher)
1403	A-7850-687-A	o	COMPLETE PCB, RM-59
1404	X-4801-204-0	o	TERMINAL ASSY
1405	X-4927-021-1	o	STOPPER (LEFT) ASSY, AC
1406	X-4927-022-1	o	STOPPER (RIGHT) ASSY, AC
1407	1-466-026-11	o	AC-1 CONTROL PANEL
1408	1-466-027-11	o	AC-2 CONTROL PANEL
1409	1-466-028-11	o	SC CONTROL PANEL
⚠1410	1-413-087-13	s	SWITCHING REGULATOR (UR-03)
1411	1-506-469-11	o	PIN, CONNECTOR 4P
1412	1-507-649-11	s	JACK
1413	1-516-923-21	s	SWITCH
1414	1-516-925-21	s	SWITCH, DIP
⚠1415	1-526-813-22	s	INLET, AC 3P
⚠1416	1-532-259-00	s	FUSE, TIME-LAG (For EK)
	1-532-742-11	s	FUSE, GLASS TUBE (For J and UC)
1417	1-533-167-00	s	HOLDER, FUSE
1418	1-533-168-00	s	HOLDER, FUSE
1419	1-561-219-00	o	SOCKET, CONNECTOR
	1-561-254-00	o	CONNECTOR CONTACT
1420	1-561-254-00	o	CONNECTOR CONTACT
	1-561-292-00	s	CONNECTOR SOCKET, 4P
1421	1-562-210-11	o	CONTACT, CONNECTOR
	1-562-287-11	o	HOUSING, CONNECTOR 6P
1422	1-562-261-21	o	CONNECTOR, COAXIAL (BNC)
1423	1-562-287-11	o	HOUSING, CONNECTOR 6P
1424	1-566-444-11	o	PIN, D-SUB CONNECTOR 50P
⚠1425	1-570-052-11	s	SWITCH, PUSH
1426	1-574-072-11	o	CORD (WITH CONNECTOR)
1427	1-574-073-11	o	CORD
1428	1-627-128-11	o	PC BOARD, CN-247
1429	1-627-134-11	o	PC BOARD, JK-25
1430	1-942-098-11	o	HARNESS (JACK)
1431	1-942-100-11	o	HARNESS (VARI)
1432	1-942-103-11	o	HARNESS (BNC)
1433	1-942-114-11	o	HARNESS, CN
1434	1-942-115-11	o	HARNESS
1435	1-942-116-11	o	HARNESS

Index No.	Parts No.	SP	Description
1436	1-942-117-11	o	HARNESS
1437	1-942-118-11	o	HARNESS
1438	1-942-536-11	o	HARNESS
1439	2-260-992-00	o	CUSHION, PANEL CASE
1440	3-322-449-01	s	SCREW +B3x6
1441	3-486-138-00	s	SCREW
1442	3-534-924-00	s	SPRING, TENSION
1443	3-625-620-00	s	BRACKET, AC CONNECTOR
1444	3-668-989-00	o	COVER, SWITCH REGULATOR
1445	3-701-946-22	o	LABEL, FUSE (For J and UC)
	3-701-948-16	o	LABEL, FUSE (For EK)
1446	3-703-043-51	o	LABEL, CAUTION, MAIN (For UC and EK)
1447	3-703-072-00	o	HOLDER, PCB
1448	3-703-079-31	s	LABEL, CAUTION (BACK) (For UC and EK)
1449	3-715-610-01	s	KNOB, PS
1450	4-601-466-00	o	COVER, 3P INLET
1451	4-861-433-00	o	SUPPORT (A)
1452	4-874-187-01	o	CLIP, CABLE
1453	4-886-821-01	s	SCREW, M3 CASE
1454	4-888-764-00	o	SEAL, PROTECTION, WIRE (Up to Serial No. 10500 only)
1455	4-903-719-01	o	TABLE
1456	4-906-391-01	o	FOOT
1457	4-927-134-01	o	CUSHION, SIDE COVER
1458	4-927-141-01	o	BRACKET, POWER SW
1459	4-927-223-01	o	PLATE, TOP, SC
1460	4-927-233-03	o	CASE (1), AC UNIT
1461	4-927-250-06	o	CASE, SC UNIT
1462	4-927-287-01	o	PLATE, ORNAMENTAL, AC
1463	4-927-288-01	o	PLATE, ORNAMENTAL, SC
1464	4-928-316-01	s	WASHER
1465	7-621-759-45	s	SCREW +PSW 2.6x6
1466	7-623-210-22	s	SW 4, TYPE 2
1467	7-623-422-07	s	LW 3, TYPE B
1468	7-623-423-07	s	LW 4, TYPE B
1469	7-624-108-04	s	STOP RING 4.0, TYPE-E
1470	7-682-253-90	s	SCREW +PS 2.6x4
1471	7-682-550-09	s	SCREW +B 3x12
1472	7-682-549-09	s	SCREW +B 3x10
1473	7-682-569-09	s	SCREW +B 4x35
1474	7-682-647-09	s	SCREW +PS 3x6
1475	7-682-660-09	s	SCREW +PS 4x6
1476	7-682-947-01	s	SCREW +PSW 3x6
1477	7-682-947-09	s	SCREW +PSW 3x6
1478	7-682-948-01	s	SCREW +PSW 3x8
1479	7-684-023-04	s	N3, TYPE 2
1480	7-688-003-11	s	W 3, MIDDLE
1481	7-688-004-02	s	W 4, SMALL
1482	2-990-241-01	o	HOLDER (A), PLUG (Serial No. 10201 and higher)
1483	1-216-210-11	s	RES, WIRE 6.8 10% 2W (For EK only)

SC PANEL ASSY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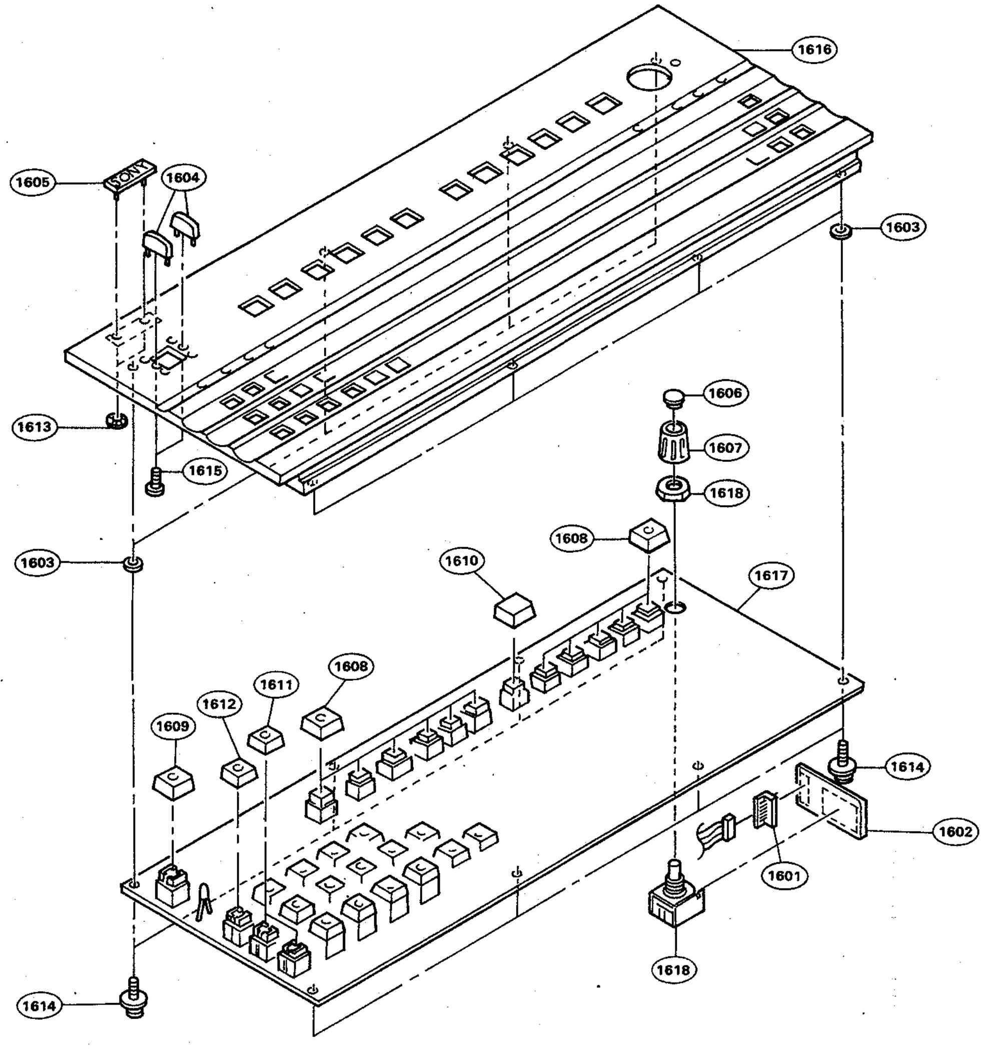
Note: For the SC-2 panel assy, refer to Section 7, REPLACEABLE PARTS of the Maintenance manual for the DABK-3341.

Index No.	Parts No.	SP	Description
1501	1-506-467-11	s	PIN CONNECTOR 2P
1502	1-506-471-11	s	PIN CONNECTOR 6P
1503	1-571-634-21	s	SWITCH, ROTARY
1504	1-620-916-11	o	PC BOARD, PE-18
1505	1-627-132-11	o	PC BOARD, SW-297
1506	3-572-085-00	s	WASHER, FIBER
1507	3-715-611-03	o	GUARD, PS
1508	3-717-380-01	o	GUARD, REC
1509	4-888-884-31	o	CAP, KNOB
1510	4-888-885-11	o	KNOB
1511	4-927-278-01	s	KEY TOP
1512	4-927-279-01	s	KEY TOP
1513	7-682-948-01	s	SCREW +PSW 3x8
1514	7-685-104-19	s	SCREW +P 2x6
1515	8-719-919-67	s	DIODE GL8KG21
1516	9-994-722-01	o	PANEL, SC
1517	9-994-723-01	o	COMPLETE PCB, SKS-3
1518	4-927-279-06	s	KEY TOP
1519	4-927-279-07	s	KEY TOP
1520	4-927-279-08	s	KEY TOP
1521	4-927-279-09	s	KEY TOP
1522	4-927-279-10	s	KEY TOP
1523	4-927-279-11	s	KEY TOP
1524	4-927-279-12	s	KEY TOP
1525	4-927-279-13	s	KEY TOP
1526	4-927-279-14	s	KEY TOP
1527	4-927-279-15	s	KEY TOP
1528	4-927-279-16	s	KEY TOP
1529	4-927-279-17	s	KEY TOP
1530	4-927-279-18	s	KEY TOP
1531	4-927-279-19	s	KEY TOP
1532	4-927-279-20	s	KEY TOP
1533	4-927-279-21	s	KEY TOP
1534	4-927-279-22	s	KEY TOP
1535	9-994-741-01	s	KEY TOP
1536	9-994-742-01	s	KEY TOP
1537	9-994-743-01	s	KEY TOP
1538	9-994-744-01	s	KEY TOP
1539	9-994-745-01	s	KEY TOP
1540	9-994-746-01	s	KEY TOP
1541	9-994-747-01	s	KEY TOP
1542	9-994-748-01	s	KEY TOP
1543	9-994-749-01	s	KEY TOP
1544	9-994-750-01	s	KEY TOP
1545	9-994-751-01	s	KEY TOP
1546	9-994-741-01	s	KEY TOP
1547	9-994-753-01	s	KEY TOP
1548	9-994-754-01	s	KEY TOP
1549	9-994-761-01	o	CORD (WITH CONNECTOR)

ACI AND AC2 PANELS ASSY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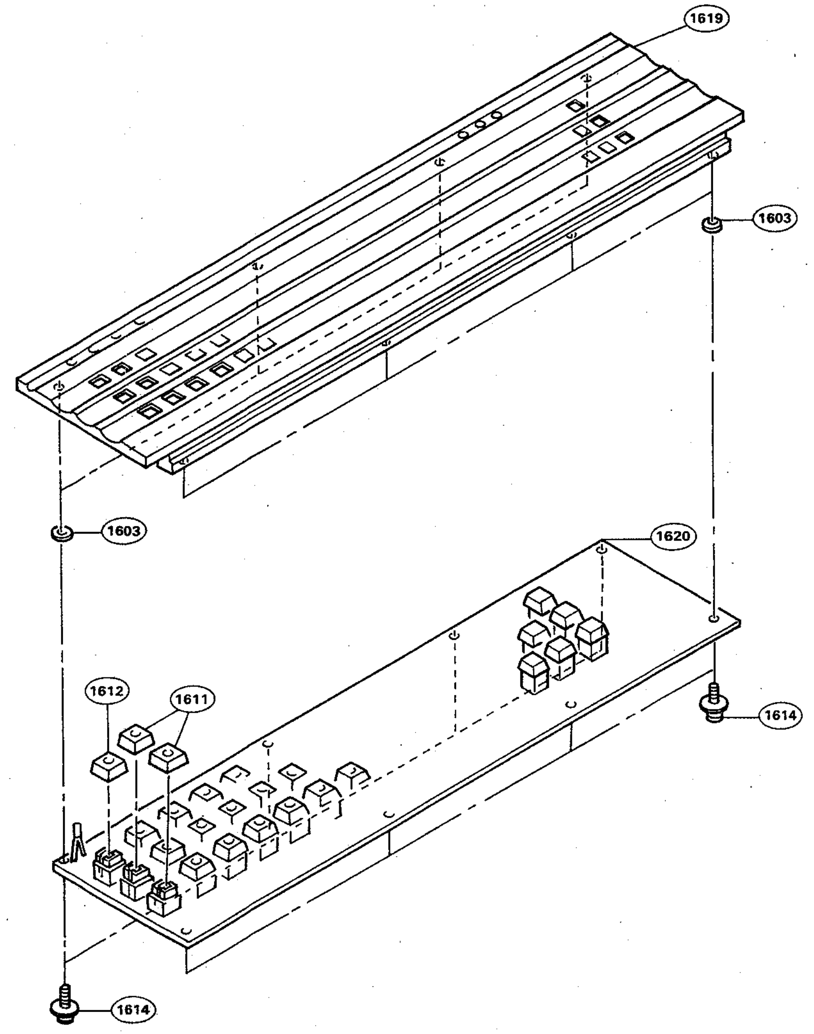
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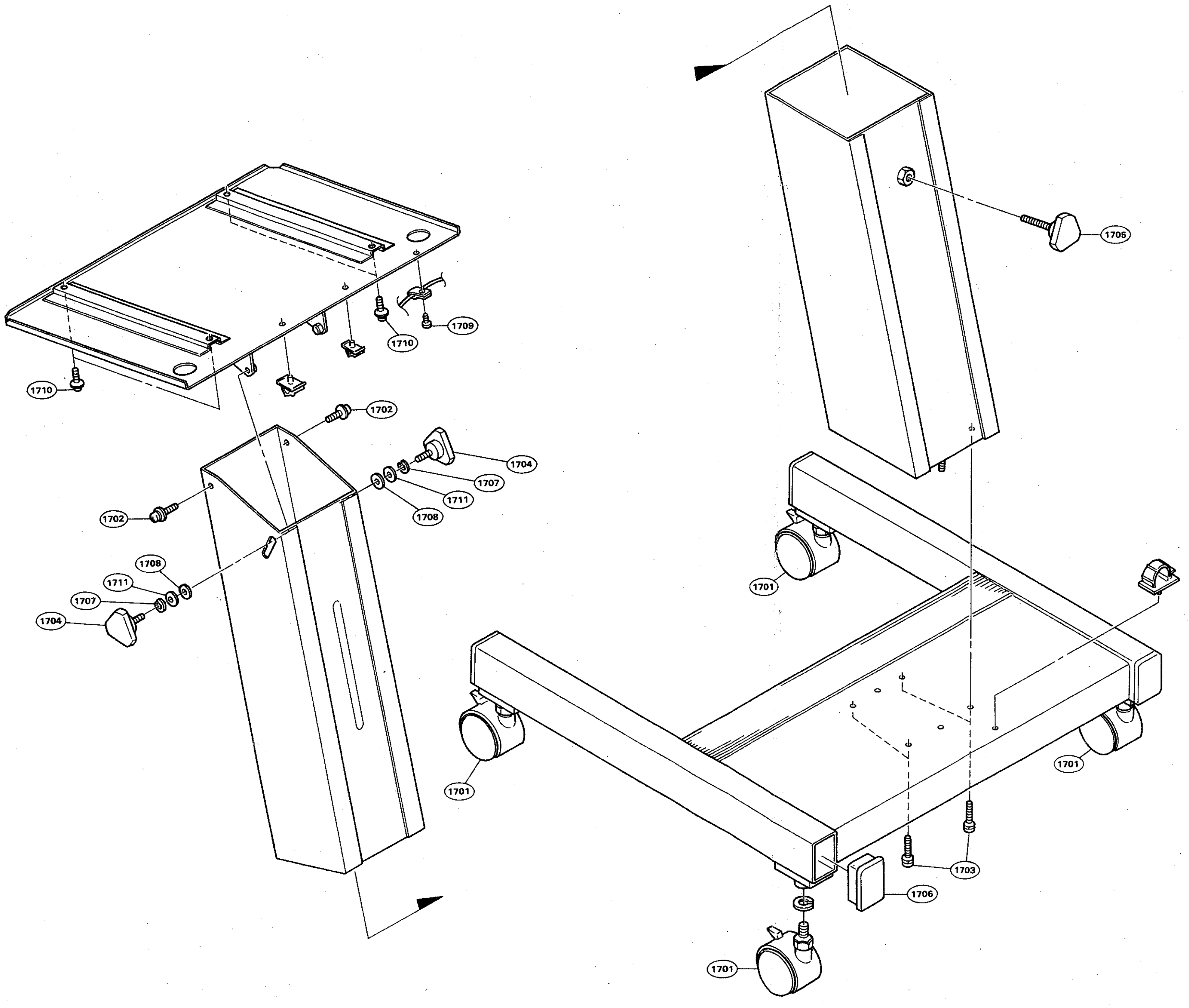
Index No.	Parts No.	SP	Description
1601	1-506-471-11	o	PIN CONNECTOR 6P
1602	1-627-133-11	o	PC BOARD, SW-298
1603	3-572-085-00	s	WASHER, FIBER
1604	3-717-380-01	o	GUARD, REC
1605	3-718-322-01	o	EMBLEM, SONY
1606	4-888-884-21	o	CAP, KNOB
1607	4-888-885-31	o	KNOB
1608	4-927-278-01	s	KEY TOP
1609	4-927-278-21	s	KEY TOP
1610	4-927-279-01	s	KEY TOP
1611	4-928-315-01	s	KEY TOP
1612	4-928-315-11	s	KEY TOP
1613	7-624-200-11	o	NUT, PUSH 2
1614	7-682-948-01	s	SCREW +PSW 3x8
1615	7-685-104-19	s	SCREW +P 2x6
1616	9-994-762-01	o	PANEL, AC-1
1617	9-994-763-01	o	COMPLETE PCB, ASW-8
1618	9-994-766-01	s	SWITCH, ROTARY
1619	9-994-767-01	o	PANEL, AC-2
1620	9-994-768-01	o	ASW-9 COMPLE

REMOTE CONTROL STAND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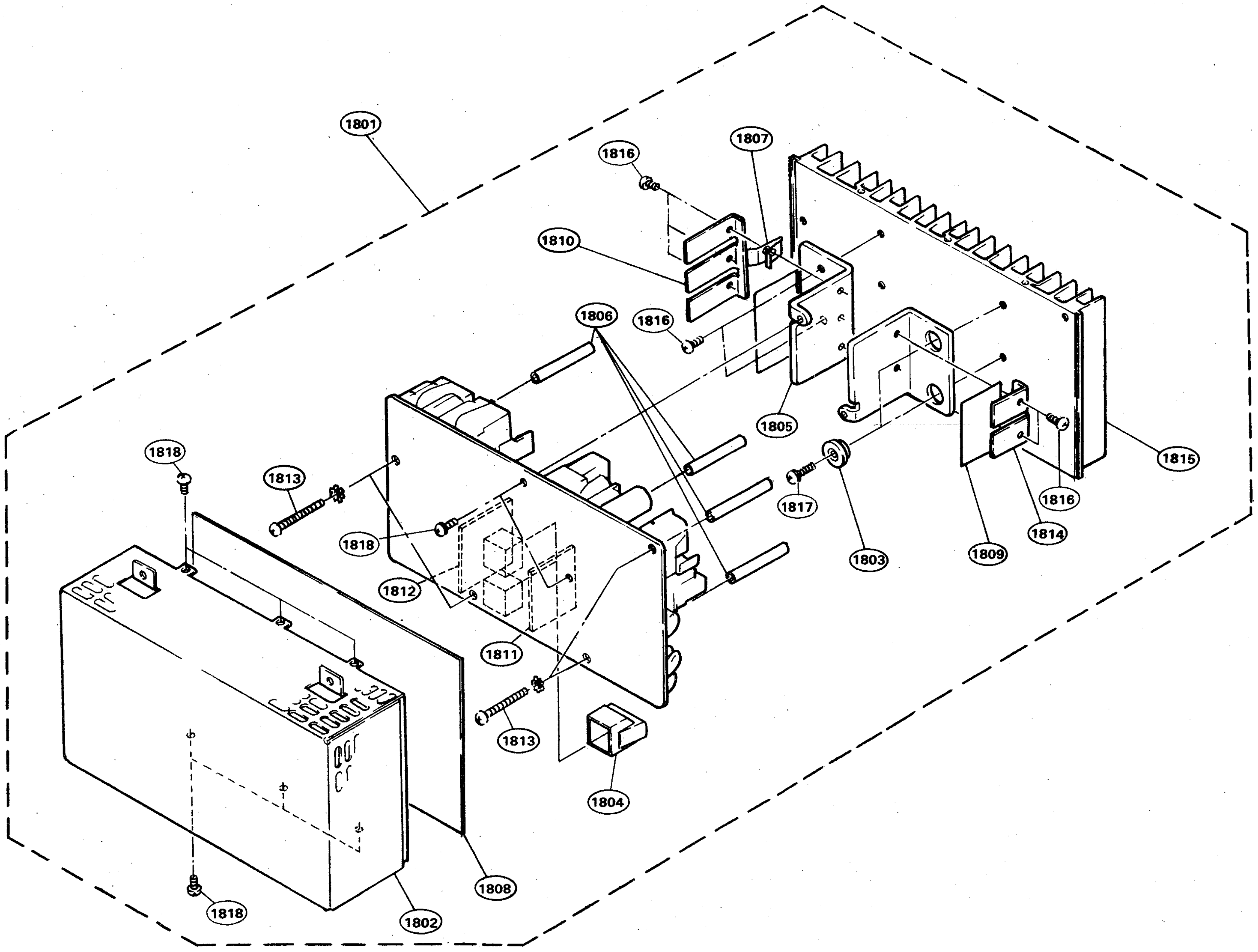
Index No.	Parts No.	SP	Description
1701	2-114-860-01	s	CASTER (S)
1702	2-350-305-01	s	SCREW
1703	2-350-305-11	s	SCREW
1704	2-374-410-11	o	BOLT (B), KNOB
1705	2-374-410-21	o	BOLT (B), KNOB
1706	2-389-229-01	o	PIPE END (30×50)
1707	7-623-214-22	s	SW 8
1708	7-623-928-11	s	WASHER 8.0, NYLONE
1709	7-682-561-09	s	SCREW +B 4×8
1710	7-682-965-01	s	SCREW +PSW 4×16 (Up to Serial No. 11300)
	7-682-964-01	s	SCREW +PSW 4×14 (Serial No. 11301 and higher)
1711	7-688-007-12	s	W 8, MIDDLE

SWITCHING REGULATOR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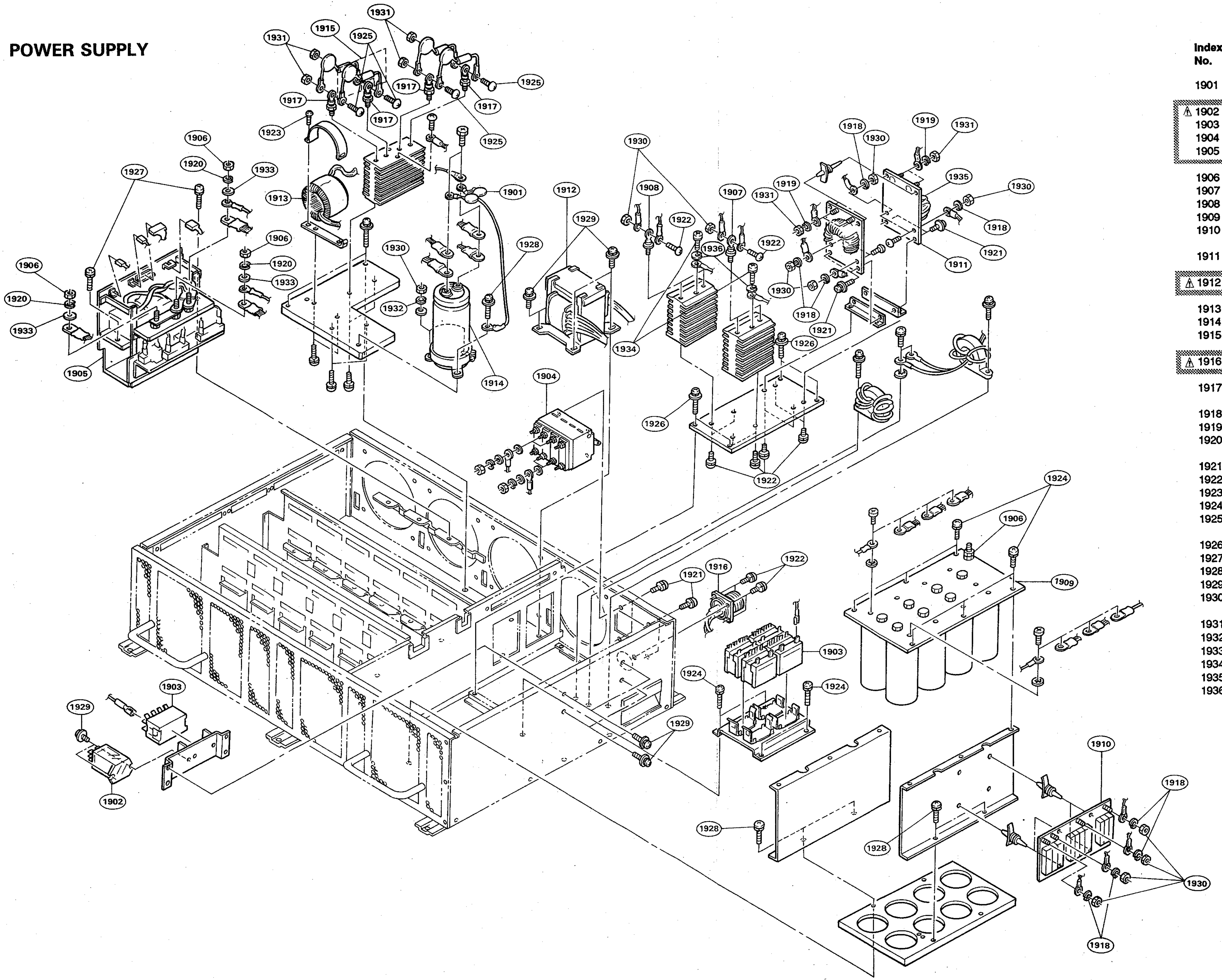
Index No.	Parts No.	SP	Description
⚠1801	1-413-087-13	s	SWITCHING REGULATOR (UR-03)
1802	2-403-440-00	o	KSM-1910-UR1
1803	2-430-117-00	s	WASHER, INSULATING
1804	2-430-205-00	o	COVER, U-14
1805	2-430-679-01	o	TA-5147-UR1 (B)
1806	2-430-682-01	o	LS-4708-UR1
1807	2-430-683-00	o	AS-1510-UR1
1808	2-430-684-00	o	SHEET (UR-1), INSULATING
1809	2-430-685-00	o	RS-5233-UR02
1810	2-430-687-00	o	D5-4137-UR1
1811	2-430-750-00	o	CONNECTOR, SUB PC BOARD
1812	2-430-781-01	o	CONNECTOR, SUB PC BOARD
1813	2-430-789-01	o	SCREW (3x55), PAN
1814	2-430-790-00	o	TS-3630-UR2
1815	2-430-840-00	o	MS-1910-UR (L)
1816	7-682-650-09	s	SCREW +PS 3x12
1817	7-682-651-09	s	SCREW +PS 3x14
1818	7-685-646-79	s	SCREW +BVTP 3x8

POWER SUPPLY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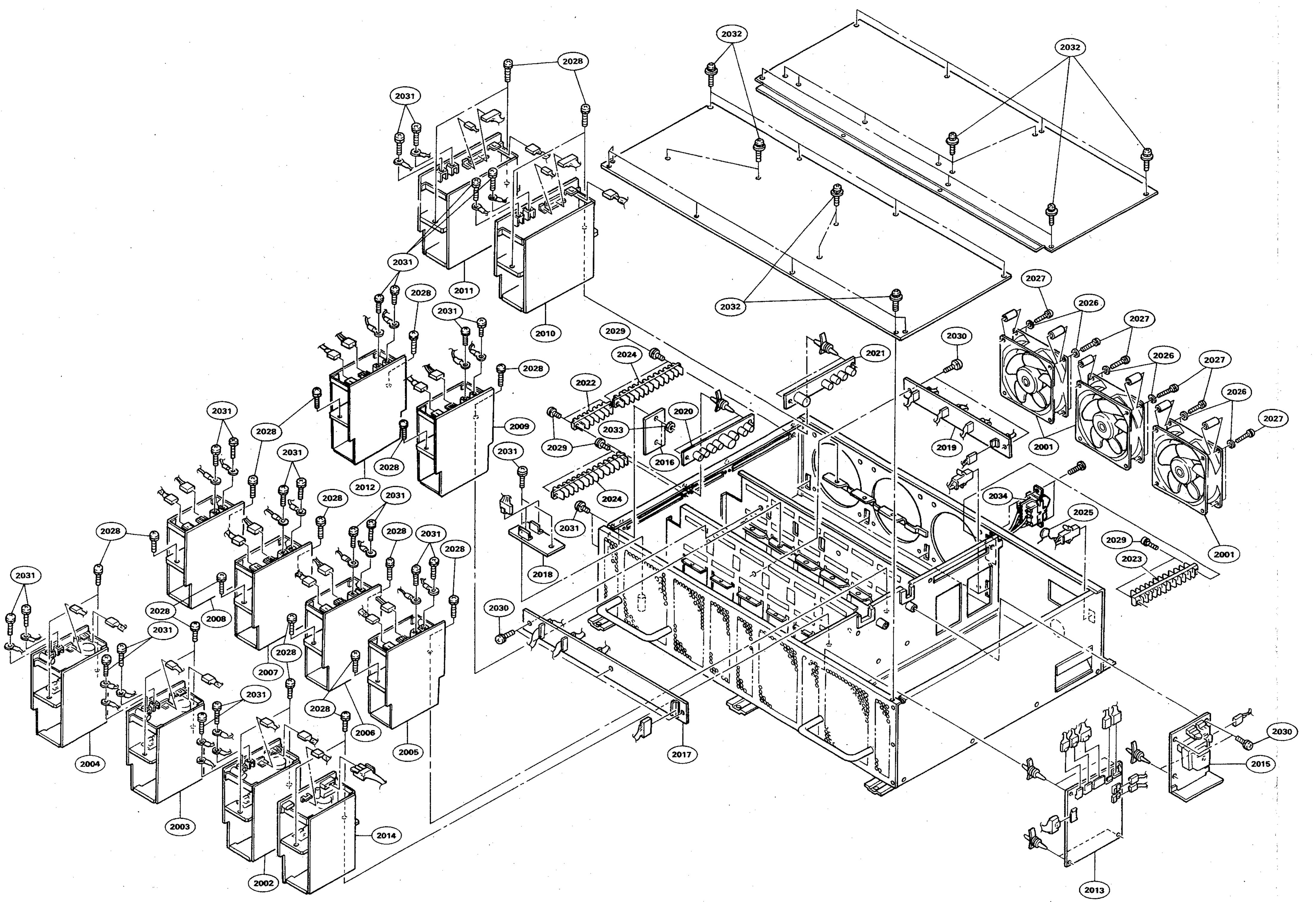
Index No.	Parts No.	SP	Description
1901	1-161-743-00	s	CAP, CERAMIC
⚠ 1902	1-515-743-11	s	RELAY, POWER
1903	1-515-744-11	s	RELAY, POWER
1904	1-532-673-00	s	BREAKER
1905	1-589-182-11	s	PRIMARY PC BOARD, CH1
1906	7-684-025-04	s	N5, TYPE 2
1907	8-719-300-54	s	DIODE SG-68R
1908	8-719-300-55	s	DIODE SG-68S
1909	9-995-484-01	s	PC BOARD, C.C
1910	9-995-486-01	s	PC BOARD, INR
1911	9-995-488-01	s	PC BOARD, FLA
⚠ 1912	9-995-503-02	s	POWER TRANSFORMER
1913	9-995-504-01	s	COIL, CHOKE
1914	9-995-505-01	s	CAP, ELECT
1915	9-995-506-01	s	CR COMPONENT
⚠ 1916	9-995-507-01	s	INLET, AC
1917	9-995-511-01	s	DIODE, SCHOTTKY
1918	7-623-208-22	s	SW3, TYPE 2
1919	7-623-210-22	s	SW4, TYPE 2
1920	7-623-212-22	s	SW5, TYPE 2
1921	7-682-647-09	s	SCREW +PS3×6
1922	7-682-648-09	s	SCREW +PS3×8
1923	7-682-650-09	s	SCREW +PS3×12
1924	7-682-660-09	s	SCREW +PS4×6
1925	7-682-661-09	s	SCREW +PS4×8
1926	7-682-662-09	s	SCREW +PS4×10
1927	7-682-663-09	s	SCREW +PS4×12
1928	7-682-665-09	s	SCREW +PS4×16
1929	7-682-961-01	s	SCREW +PSW4×8
1930	7-684-023-04	s	N3, TYPE 2
1931	7-684-024-04	s	N4, TYPE 2
1932	7-688-003-01	s	W3, SMALL
1933	7-688-005-01	s	W5, SMALL
1934	9-995-852-01	s	SCREW M 6×10
1935	9-995-487-01	s	COIL, COMMON MODE
1936	9-995-853-01	s	SW6

POWER SUPPLY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Index No.	Parts No.	SP	Description
2001	1-541-689-11	s	FAN
⚠ 2002	1-589-169-11	s	COMPLETE PC BOARD, CH2
2003	1-589-170-11	s	COMPLETE PC BOARD, CH3
2004	1-589-171-11	s	COMPLETE PC BOARD, CH4
2005	1-589-172-11	s	COMPLETE PC BOARD, CH5
2006	1-589-173-11	s	COMPLETE PC BOARD, CH6
2007	1-589-174-11	s	COMPLETE PC BOARD, CH7
2008	1-589-175-11	s	COMPLETE PC BOARD, CH8
2009	1-589-178-11	s	COMPLETE PC BOARD, CH9
2010	1-589-179-11	s	COMPLETE PC BOARD, CH10
2011	1-589-176-11	s	COMPLETE PC BOARD, CH11
2012	1-589-177-11	s	COMPLETE PC BOARD, CH12
2013	1-589-183-11	s	COMPLETE PC BOARD, PSC
⚠ 2014	1-589-184-11	s	COMPLETE PC BOARD, PSC-PS
2015	1-589-185-11	s	COMPLETE PC BOARD, VOP
2016	9-995-485-01	s	PC BOARD, IF1
2017	9-995-489-01	s	PC BOARD, SIG1
2018	9-995-490-01	s	PC BOARD, IF2
2019	9-995-491-01	s	PC BOARD, SIG2
2020	9-995-494-01	s	PC BOARD, OCP1
2021	9-995-496-01	s	PC BOARD, OCP2
2022	9-995-508-01	s	TERMINAL BLOCK 8P
2023	9-995-509-01	s	TERMINAL BLOCK 11P
2024	9-995-510-01	s	TERMINAL BLOCK 12P
2025	9-995-512-01	s	DIODE, SCHOTTKY
2026	7-623-210-22	s	SW4, TYPE 2
2027	7-682-571-04	s	SCREW +B4×45
2028	7-682-663-09	s	SCREW +PS4×12
2029	7-682-664-09	s	SCREW +PS4×14
2030	7-682-647-09	s	SCREW +PS3×6
2031	7-682-648-09	s	SCREW +PS3×8
2032	7-682-948-01	s	SCREW +PSW3×8
2033	7-684-023-04	s	N3, TYPE 2
2034	1-570-742-11	s	SWITCH, AC POWER

D-3. ELECTRICAL PARTS LIST
D-3-1. MAIN UNIT AND REMOTE CONTROL UNIT

NOTE: For the ED-26, ED-27, TC-68 and TRC-1A boards of the ELECTRICAL PARTS LIST, refer to "Section 7 REPLACABLE PARTS LIST" of the Maintenance manual for the DABK-3341.

AD-36 BOARD

Ref. No.	Parts No.	SP	Description			
-	A-7850-602-A	o	COMPLETE PCB, AD-36			
(This assembly includes the following parts.)						
-	1-560-242-71	o	BUS BAR6P			
-	1-565-208-21	o	BUS,MINIATURE 9P			
-	3-714-634-01	o	LEVER, PC BOARD			
-	7-626-320-11	o	PIN, SPRING 3×8			
-	7-682-546-04	s	SCREW +B 3×5			
-	7-685-546-14	s	SCREW +BTP 3×8			
-	9-910-999-33	s	CLAMP, REED			
-	9-911-845-99	s	CUSHION (A)			
C1	1-124-473-11	s	CAP, ELECT	1000	20%	10V
C2	1-162-176-00	s	CAP, CERAMIC	1.5		25V
C3	1-162-176-00	s	CAP, CERAMIC	1.5		25V
C4	1-124-473-11	s	CAP, ELECT	1000	20%	10V
C6	1-162-176-00	s	CAP, CERAMIC	1.5		25V
C7	1-124-473-11	s	CAP, ELECT	1000	20%	10V
C8	1-124-480-11	s	CAP, ELECT	470	20%	25V
C9	1-162-176-00	s	CAP, CERAMIC	1.5		25V
C10	1-162-176-00	s	CAP, CERAMIC	1.5		25V
C11	1-124-480-11	s	CAP, ELECT	470	20%	25V
C12	1-124-480-11	s	CAP, ELECT	470	20%	25V
C13	1-162-176-00	s	CAP, CERAMIC	1.5		25V
C14	1-162-176-00	s	CAP, CERAMIC	1.5		25V
C15	1-124-480-11	s	CAP, ELECT	470	20%	25V
C21	1-124-443-00	s	CAP, ELECT	100	20%	10V
C22	1-124-443-00	s	CAP, ELECT	100	20%	10V
C23	1 124-443-00	s	CAP, ELECT	100	20%	10V
C24	1-124-443-00	s	CAP, ELECT	100	20%	10V
C31 to C45	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C46 to C48	1-162-176-00	s	CAP, CERAMIC (Up to Serial No.10312 only)	1.5		25V
C61	1-162-176-00	s	CAP, CERAMIC	1.5		25V
C62	1-162-176-00	s	CAP, CERAMIC	1.5		25V
C63	1-162-176-00	s	CAP, CERAMIC	1 5		25V
C64	1-162-176-00	s	CAP, CERAMIC	1.5		25V
C101	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C102	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C103	1-107-202-00	s	CAP, MICA	10P	5%	500V
C104	1-136-233-11	s	CAP, FILM	0.00	473%	100V
C105	1-124-477-11	s	CAP, ELECT	47	20%	25V
C106	1-124-477-11	s	CAP, ELECT	47	20%	25V
C110	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C111	1-107-202-00	s	CAP, MICA	10P	5%	500V
C112	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C113	1-124-484-11	s	CAP, ELECT	220	20%	35V
C120	1-124-477-11	s	CAP, ELECT	47	20%	25V
C121	1-124-477-11	s	CAP, ELECT	47	20%	25V
C122	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C123	1-124-443-00	s	CAP, ELECT	100	20%	10V
C124	1-104-150-00	s	CAP, STYROL	680P	5%	125V
C125	1-124-443-00	s	CAP, ELECT	100	20%	10V
C126	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C140	1-124-477-11	s	CAP, ELECT	47	20%	25V
C141	1-162-176-00	s	CAP, CERAMIC	1.5		25V
C142	1-162-176-00	s	CAP, CERAMIC	1.5		25V
C143	1-123-382-00	s	CAP, ELECT	3.3	20%	100V
C144	1-123-382-00	s	CAP, ELECT	3.3	20%	100V
C145	1-123-382-00	s	CAP, ELECT	3.3	20%	100V
C146	1-124-477-11	s	CAP, ELECT	47	20%	25V
C147	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C148	1-124-443-00	s	CAP, ELECT	100	20%	10V
C149	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C150	1-162-176-00	s	CAP, CERAMIC	1.5		25V
C151	1-124-443-00	s	CAP, ELECT	100	20%	10V
C152	1-162-176-00	s	CAP, CERAMIC	1.5		25V
C153	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C201	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C202	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C203	1-107-202-00	s	CAP, MICA	10P	5%	500V
C204	1-136-233-11	s	CAP, FILM	0.0047	3%	100V
C205	1-124-477-11	s	CAP, ELECT	47	20%	25V
C206	1-124-477-11	s	CAP, ELECT	47	20%	25V
C210	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C211	1-107-202-00	s	CAP, MICA	10P	5%	500V
C212	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C213	1-124-484-11	s	CAP, ELECT	220	20%	35V
C220	1-124-477-11	s	CAP, ELECT	47	20%	25V
C221	1-124-477-11	s	CAP, ELECT	47	20%	25V
C222	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C223	1-124-443-00	s	CAP, ELECT	100	20%	10V
C224	1-104-150-00	s	CAP, STYROL	680P	5%	125V
C225	1-124-443-00	s	CAP, ELECT	100	20%	10V
C226	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C240	1-124-477-11	s	CAP, ELECT	47	20%	25V
C241	1-162-176-00	s	CAP, CERAMIC	1.5		25V
C242	1-162-176-00	s	CAP, CERAMIC	1.5		25V
C243	1-123-382-00	s	CAP, ELECT	3.3	20%	100V
C244	1-123-382-00	s	CAP, ELECT	3.3	20%	100V
C245	1-123-382-00	s	CAP, ELECT	3.3	20%	100V
C246	1-124-477-11	s	CAP, ELECT	47	20%	25V
C247	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C248	1-124-443-00	s	CAP, ELECT	100	20%	10V
C249	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C250	1-162-176-00	s	CAP, CERAMIC	1.5		25V
C251	1-124-443-00	s	CAP, ELECT	100	20%	10V

Ref. No.	Parts No.	SP	Description			
C252	1-162-176-00	s	CAP, CERAMIC	1.5		25V
C253	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C301	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C302	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C303	1-107-202-00	s	CAP, MICA	10P	5%	500V
C304	1-136-233-11	s	CAP, FILM	0.0047	3%	100V
C305	1-124-477-11	s	CAP, ELECT	47	20%	25V
C306	1-124-477-11	s	CAP, ELECT	47	20%	25V
C310	1-101-004-00	s	CAP,CERAMIC	0.01		50V
C311	1-107-202-00	s	CAP, MICA	10P	5%	500V
C312	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C313	1-124-484-11	s	CAP, ELECT	220	20%	35V
C320	1-124-477-11	s	CAP, ELECT	47	20%	25V
C321	1-124-477-11	s	CAP, ELECT	47	20%	25V
C322	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C323	1-124-443-00	s	CAP, ELECT	100	20%	10V
C324	1-104-150-00	s	CAP, STYROL	680P	5%	125V
C325	1-124-443-00	s	CAP, ELECT	100	20%	10V
C326	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C340	1-124-477-11	s	CAP, ELECT	47	20%	25V
C341	1-162-176-00	s	CAP, CERAMIC	1.5		25V
C342	1-162-176-00	s	CAP, CERAMIC	1.5		25V
C343	1-123-382-00	s	CAP, ELECT	3.3	20%	100V
C344	1-123-382-00	s	CAP, ELECT	3.3	20%	100V
C345	1-123-382-00	s	CAP, ELECT	3.3	20%	100V
C346	1-124-477-11	s	CAP, ELECT	47	20%	25V
C347	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C348	1-124-443-00	s	CAP, ELECT	100	20%	10V
C349	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C350	1-162-176-00	s	CAP, CERAMIC	1.5		25V
C351	1-124-443-00	s	CAP, ELECT	100	20%	10V
C352	1-162-176-00	s	CAP, CERAMIC	1.5		25V
C353	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C401	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C402	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C403	1-107-202-00	s	CAP, MICA	10P	5%	500V
C404	1-136-233-11	s	CAP, FILM	0.0047	3%	100V
C405	1-124-477-11	s	CAP, ELECT	47	20%	25V
C406	1-124-477-11	s	CAP, ELECT	47	20%	25V
C410	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C411	1-107-202-00	s	CAP, MICA	10P	5%	500V
C412	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C413	1-124-484-11	s	CAP, ELECT	220	20%	35V
C420	1-124-477-11	s	CAP, ELECT	47	20%	25V
C421	1-124-477-11	s	CAP, ELECT	47	20%	25V
C422	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C423	1-124-443-00	s	CAP, ELECT	100	20%	10V
C424	1-104-150-00	s	CAP, STYROL	680P	5%	125V
C425	1-124-443-00	s	CAP, ELECT	100	20%	10V
C426	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C440	1-124-477-11	s	CAP, ELECT	47	20%	25V
C441	1-162-176-00	s	CAP, CERAMIC	1.5		25V
C442	1-162-176-00	s	CAP, CERAMIC	1.5		25V
C443	1-123-382-00	s	CAP, ELECT	3.3	20%	100V
C444	1-123-382-00	s	CAP, ELECT	3.3	20%	100V
C445	1-123-382-00	s	CAP, ELECT	3.3	20%	100V
C446	1-124-477-11	s	CAP, ELECT	47	20%	25V
C447	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C448	1-124-443-00	s	CAP, ECECT	100	20%	10V
C449	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C450	1-162-176-00	s	CAP, CERAMIC	1.5		25V
C451	1-124-443-00	s	CAP, ELECT	100	20%	10V
C452	1-162-176-00	s	CAP, CERAMIC	1.5		25V
C453	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C501	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C502	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C503	1-107-202-00	s	CAP, MICA	10P	5%	500V
C504	1-136-233-11	s	CAP, FILM	0.0047	3%	100V
C505	1-124-477-11	s	CAP, ELECT	47	20%	25V
C506	1-124-477-11	s	CAP, ELECT	47	20%	25V
C510	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C511	1-107-202-00	s	CAP, MICA	10P	5%	500V
C512	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C513	1-124-484-11	s	CAP, ELECT	220	20%	35V
C520	1-124-477-11	s	CAP, ELECT	47	20%	25V
C521	1-124-477-11	s	CAP, ELECT	47	20%	25V
C522	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C523	1-124-443-00	s	CAP, ELECT	100	20%	10V
C524	1-104-150-00	s	CAP, STYROL	680P	5%	125V
C525	1-124-443-00	s	CAP, ELECT	100	20%	10V
C526	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C540	1-124-477-11	s	CAP, ELECT	47	20%	25V
C541	1-162-176-00	s	CAP, CERAMIC	1.5		25V
C542	1-162-176-00	s	CAP, CERAMIC	1.5		25V
C543	1-123-382-00	s	CAP, ELECT	3.3	20%	100V
C544	1-123-382-00	s	CAP, ELECT	3.3	20%	100V
C545	1-123-382-00	s	CAP, ELECT	3.3	20%	100V
C546	1-124-477-11	s	CAP, ELECT	47	20%	25V
C547	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C548	1-124-443-00	s	CAP, ELECT	100	20%	10V
C549	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C550	1-162-176-00	s	CAP, CERAMIC	1.5		25V
C551	1-124-443-00	s	CAP, ELECT	100	20%	10V
C552	1-162-176-00	s	CAP, CERAMIC	1.5		25V
C553	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C601	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C602	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C603	1-107-202-00	s	CAP, MICA	10P	5%	500V
C604	1-136-233-11	s	CAP, FILM	0.0047	3%	100V
C605	1-124-477-11	s	CAP, ELECT	47	20%	25V

Ref. No.	Parts No.	SP	Description			
C606	1 124-477-11	s	CAP, ELECT	47	20%	25V
C610	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C611	1-107-202-00	s	CAP, MICA	10P	5%	500V
C612	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C613	1-124-484-11	s	CAP, ELECT	220	20%	35V
C620	1-124-477-11	s	CAP, ELECT	47	20%	25V
C621	1-124-477-11	s	CAP, ELECT	47	20%	25V
C622	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C623	1-124-443-00	s	CAP, ELECT	100	20%	10V
C624	1-104-150-00	s	CAP, STYROL	680P	5%	125V
C625	1-124-443-00	s	CAP, ELECT	100	20%	10V
C626	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C640	1-124-477-11	s	CAP, ELECT	47	20%	25V
C641	1-162-176-00	s	CAP, CERAMIC	1.5		25V
C642	1-162-176-00	s	CAP, CERAMIC	1.5		25V
C643	1-123-382-00	s	CAP, ELECT	3.3	20%	100V
C644	1-123-382-00	s	CAP, ELECT	3.3	20%	100V
C645	1-123-382-00	s	CAP, ELECT	3.3	20%	100V
C646	1-124-477-11	s	CAP, ELECT	47	20%	25V
C647	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C648	1-124-443-00	s	CAP, ELECT	100	20%	10V
C649	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C650	1-162-176-00	s	CAP, CERAMIC	1.5		25V
C651	1-124-443-00	s	CAP, ELECT	100	20%	10V
C652	1-162-176-00	s	CAP, CERAMIC	1.5		25V
C653	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C701	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C702	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C703	1-107-202-00	s	CAP, MICA	10P	5%	500V
C704	1-136-233-11	s	CAP, FILM	0.0047	3%	100V
C705	1-124-477-11	s	CAP, ELECT	47	20%	25V
C706	1-124-477-11	s	CAP, ELECT	47	20%	25V
C710	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C711	1-107-202-00	s	CAP, MICA	10P	5%	500V
C712	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C713	1-124-484-11	s	CAP, ELECT	220	20%	35V
C720	1-124-477-11	s	CAP, ELECT	47	20%	25V
C721	1-124-477-11	s	CAP, ELECT	47	20%	25V
C722	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C723	1-124-443-00	s	CAP, ELECT	100	20%	10V
C724	1-104-150-00	s	CAP, STYROL	680P	5%	125V
C725	1-124-443-00	s	CAP, ELECT	100	20%	10V
C726	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C740	1-124-477-11	s	CAP, ELECT	47	20%	25V
C741	1-162-176-00	s	CAP, CERAMIC	1.5		25V
C742	1-162-176-00	s	CAP, CERAMIC	1.5		25V
C743	1-123-382-00	s	CAP, ELECT	3.3	20%	100V
C744	1-123-382-00	s	CAP, ELECT	3.3	20%	100V
C745	1-123-382-00	s	CAP, ELECT	3.3	20%	100V
C746	1-124-477-11	s	CAP, ELECT	47	20%	25V

Ref. No.	Parts No.	SP	Description			
C747	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C748	1-124-443-00	s	CAP, ELECT	100	20%	10V
C749	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C750	1-162-176-00	s	CAP, CERAMIC	1.5		25V
C751	1-124-443-00	s	CAP, ELECT	100	20%	10V
C752	1-162-176-00	s	CAP, CERAMIC	1.5		25V
C753	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C801	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C802	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C803	1-107-202-00	s	CAP, MICA	10P	5%	500V
C804	1-136-233-11	s	CAP, FILM	0.0047	3%	100V
C805	1-124-477-11	s	CAP, ELECT	47	20%	25V
C806	1-124-477-11	s	CAP, ELECT	47	20%	25V
C810	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C811	1-107-202-00	s	CAP, MICA	10P	5%	500V
C812	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C813	1-124-484-11	s	CAP, ELECT	220	20%	35V
C820	1-124-477-11	s	CAP, ELECT	47	20%	25V
C821	1-124-477-11	s	CAP, ECECT	47	20%	25V
C822	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C823	1-124-443-00	s	CAP, ELECT	100	20%	10V
C824	1-104-150-00	s	CAP, STYROL	680P	5%	125V
C825	1-124-443-00	s	CAP, ELECT	100	20%	10V
C826	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C840	1-124-477-11	s	CAP, ELECT	47	20%	25V
C841	1-162-176-00	s	CAP, CERAMIC	1.5		25V
C842	1-162-176-00	s	CAP, CERAMIC	1.5		25V
C843	1-123-382-00	s	CAP, ELECT	3.3	20%	100V
C844	1-123-382-00	s	CAP, ELECT	3.3	20%	100V
C845	1-123-382-00	s	CAP, ELECT	3.3	20%	100V
C846	1-124-477-11	s	CAP, ELECT	47	20%	25V
C847	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C848	1-124-443-00	s	CAP, ELECT	100	20%	10V
C849	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C850	1-162-176-00	s	CAP, CERAMIC	1.5		25V
C851	1-124-443-00	s	CAP, ELECT	100	20%	10V
C852	1-162-176-00	s	CAP, CERAMIC	1.5		25V
C853	1-101-004-00	s	CAP, CERAMIC	0.01		50V
CN1	1-565-207-21	s	CONNECTOR, (MALE)128P			
CN2	1-565-207-21	s	CONNECTOR, (MALE)128P			
D101	8-719-815-85	s	DIODE 1S1585			
D102	8-719-815-85	s	DIODE 1S1585			
D105	8-719-951-13	s	DIODE HZ5CLL			
D106	8-719-815-85	s	DIODE 1S1585			
D107	8-719-815-85	s	DIODE 1S1585			
D201	8-719-815-85	s	DIODE 1S1585			
D202	8-719-815-85	s	DIODE 1S1585			
D205	8-719-951-13	s	DIODE HZ5CLL			
D206	8-719-815-85	s	DIODE 1S1585			
D207	8-719-815-85	s	DIODE 1S1585			

Ref. No.	Parts No.	SP	Description
D301	8-719-815-85	s	DIODE 1S1585
D302	8-719-815-85	s	DIODE 1S1585
D305	8-719-951-13	s	DIODE HZ5CLL
D306	8-719-815-85	s	DIODE 1S1585
D307	8-719-815-85	s	DIODE 1S1585
D401	8-719-815-85	s	DIODE 1S1585
D402	8-719-815-85	s	DIODE 1S1585
D405	8-719-951-13	s	DIODE HZ5CLL
D406	8-719-815-85	s	DIODE 1S1585
D407	8-719-815-85	s	DIODE 1S1585
D501	8-719-815-85	s	DIODE 1S1585
D502	8-719-815-85	s	DIODE 1S1585
D505	8-719-951-13	s	DIODE HZ5CLL
D506	8-719-815-85	s	DIODE 1S1585
D507	8-719-815-85	s	DIODE 1S1585
D601	8-719-815-85	s	DIODE 1S1585
D602	8-719-815-85	s	DIODE 1S1585
D605	8-719-951-13	s	DIODE HZ5CLL
D606	8-719-815-85	s	DIODE 1S1585
D607	8-719-815-85	s	DIODE 1S1585
D701	8-719-815-85	s	DIODE 1S1585
D702	8-719-815-85	s	DIODE 1S1585
D705	8-719-951-13	s	DIODE HZ5CLL
D706	8-719-815-85	s	DIODE 1S1585
D707	8-719-815-85	s	DIODE 1S1585
D801	8-719-815-85	s	DIODE 1S1585
D802	8-719-815-85	s	DIODE 1S1585
D805	8-719-951-13	s	DIODE HZ5CLL
D806	8-719-815-85	s	DIODE 1S1585
D807	8-719-815-85	s	DIODE 1S1585
FL101	1-236-127-11	s	FILTER, LOW PASS
FL201	1-236-127-11	s	FILTER, LOW PASS
FL301	1-236-127-11	s	FILTER, LOW PASS
FL401	1-236-127-11	s	FILTER, LOW PASS
FL501	1-236-127-11	s	FILTER, LOW PASS
FL601	1-236-127-11	s	FILTER, LOW PASS
FL701	1-236-127-11	s	FILTER, LOW PASS
FL801	1-236-127-11	s	FILTER, LOW PASS
IC101	8-759-900-72	s	IC NE5532P
IC102	8-759-900-72	s	IC NE5532P
IC103	8-759-602-83	s	IC M5238P
IC104	8-759-971-45	s	IC PCM78P-J-1
IC105	8-759-916-29	s	IC SN74HC74AN
IC106	8-759-916-89	s	IC SN74HC365AN
IC201	8-759-900-72	s	IC NE5532P
IC202	8-759-900-72	s	IC NE5532P
IC203	8-759-602-83	s	IC M5238P
IC204	8-759-971-45	s	IC PCM78P-J-1
IC205	8-759-916-29	s	IC SN74HC74AN
IC206	8-759-916-89	s	IC SN74HC365AN
IC301	8-759-900-72	s	IC NE5532P
IC302	8-759-900-72	s	IC NE5532P
IC303	8-759-602-83	s	IC M5238P

Ref. No.	Parts No.	SP	Description
IC304	8-759-971-45	s	IC PCM78P-J-1
IC305	8-759-916-29	s	IC SN74HC74AN
IC306	8-759-916-89	s	IC SN74HC365AN
IC401	8-759-900-72	s	IC NE5532P
IC402	8-759-900-72	s	IC NE5532P
IC403	8-759-602-83	s	IC M5238P
IC404	8-759-971-45	s	IC PCM78P-J-1
IC405	8-759-916-29	s	IC SN74HC74AN
IC406	8-759-916-89	s	IC SN74HC365AN
IC501	8-759-900-72	s	IC NE5532P
IC502	8-759-900-72	s	IC NE5532P
IC503	8-759-602-83	s	IC M5238P
IC504	8-759-971-45	s	IC PCM78P-J-1
IC505	8-759-916-29	s	IC SN74HC74AN
IC506	8-759-916-89	s	IC SN74HC365AN
IC601	8-759-900-72	s	IC NE5532P
IC602	8-759-900-72	s	IC NE5532P
IC603	8-759-602-83	s	IC M5238P
IC604	8-759-971-45	s	IC PCM78P-J-1
IC605	8-759-916-29	s	IC SN74HC74AN
IC606	8-759-916-89	s	IC SN74HC365AN
IC701	8-759-900-72	s	IC NE5532P
IC702	8-759-900-72	s	IC NE5532P
IC703	8-759-602-83	s	IC M5238P
IC704	8-759-971-45	s	IC PCM78P-J-1
IC705	8-759-916-29	s	IC SN74HC74AN
IC706	8-759-916-89	s	IC SN74HC365AN
IC801	8-759-900-72	s	IC NE5532P
IC802	8-759-900-72	s	IC NE5532P
IC803	8-759-602-83	s	IC M5238P
IC804	8-759-971-45	s	IC PCM78P-J-1
IC805	8-759-916-29	s	IC SN74HC74AN
IC806	8-759-916-89	s	IC SN74HC365AN
ICA1	8-759-916-40	s	IC SN74HC125AN
ICA2	8-759-916-40	s	IC SN74HC125AN
ICA3	8-759-001-33	s	IC MC74HC158N
ICA4	8-759-001-33	s	IC MC74HC158N
ICB2	8-759-945-76	s	IC DASH009G (Up to Serial No.10400)
	8-759-983-30	s	IC DASH009AG (Serial No.10401 and higher)
ICB4	8-759-916-14	s	IC SN74HC04AN
ICC2	8-759-945-76	s	IC DASH009G (Up to Serial No.10400)
	8-759-983-30	s	IC DASH009AG (Serial No.10401 and higher)
ICD2	8-759-785-73	s	IC AM27S29A-ADA3V1 (Up to Serial No.10400 only)
ICD3	8-759-785-72	s	IC AM27S29A-ADA2V1 (Up to Serial No.10400 only)
ICD4	8-759-785-71	s	IC AM27S21A-ADA1V1 (Up to Serial No. 10400 only)

Ref. No.	Parts No.	SP	Description
ICE2	8-759-945-76	s	IC DASH009G (Up to Serial No.10400)
	8-759-983-30	s	IC DASH009AG (Serial No.10401 and higher)
ICF2	8-759-945-76	s	IC DASH009G (Up to Serial No.10400)
	8-759-983-30	s	IC DASH009AG (Serial No.10401 and higher)
ICF4	8-759-916-14	s	IC SN74HC04AN
ICG1	8-759-904-77	s	IC AM26LS32ACN
ICG2	8-759-900-32	s	IC SN74LS32N
ICG3	8-759-917-05	s	IC SN74HC541AN
ICG4	8-759-917-05	s	IC SN74HC541AN
ICH1	8-759-901-63	s	IC SN74LS163AN
ICH2	8-759-901-38	s	IC SN74LS138N
ICH4	8-759-916-91	s	IC SN74HC366N
ICI1	8-759-901-75	s	1C SN74LS175N
ICI2	8-759-916-16	s	IC SN74HC08AN
L1	1-409-309-00	s	COIL, SN 72UH
L2	1-409-309-00	s	COIL, SN 72UH
Q1	8-729-902-11	s	TRANSISTOR 2SC2021
Q2	8-729-902-11	s	TRANSISTOR 2SC2021
Q101	8-729-993-72	s	TRANSISTOR 2SA937
Q102	8-729-800-44	s	TRANSISTOR 2SK152-4
Q105	8-729-800-44	s	TRANSISTOR 2SK152-4
Q106	8-729-224-02	s	TRANSISTOR 2SC2240-BL
Q107	8-729-297-02	s	TRANSISTOR 2SA970-BL
Q201	8-729-993-72	s	TRANSISTOR 2SA937
Q202	8-729-800-44	s	TRANSISTOR 2SK152-4
Q205	8-729-800-44	s	TRANSISTOR 2SK152-4
Q206	8-729-224-02	s	TRANSISTOR 2SC2240-BL
Q207	8-729-297-02	s	TRANSISTOR 2SA970-BL
Q301	8-729-993-72	s	TRANSISTOR 2SA937
Q302	8-729-800-44	s	TRANSISTOR 2SK152-4
Q305	8-729-800-44	s	TRANSISTOR 2SK152-4
Q306	8-729-224-02	s	TRANSISTOR 2SC2240-BL
Q307	8-729-297-02	s	TRANSISTOR 2SA970-BL
Q401	8-729-993-72	s	TRANSISTOR 2SA937
Q402	8-729-800-44	s	TRANSISTOR 2SK152-4
Q405	8-729-800-44	s	TRANSISTOR 2SK152-4
Q406	8-729-224-02	s	TRANSISTOR 2SC2240-BL
Q407	8-729-297-02	s	TRANSISTOR 2SA970-BL
Q501	8-729-993-72	s	TRANSISTOR 2SA937
Q502	8-729-800-44	s	TRANSISTOR 2SK152-4
Q505	8-729-800-44	s	TRANSISTOR 2SK152-4
Q506	8-729-224-02	s	TRANSISTOR 2SC2240-BL
Q507	8-729-297-02	s	TRANSISTOR 2SA970-BL
Q601	8-729-993-72	s	TRANSISTOR 2SA937
Q602	8-729-800-44	s	TRANSISTOR 2SK152-4
Q605	8-729-800-44	s	TRANSISTOR 2SK152-4

Ref. No.	Parts No.	SP	Description
Q606	8-729-224-02	s	TRANSISTOR 2SC2240-BL
Q607	8-729-297-02	s	TRANSISTOR 2SA970-BL
Q701	8-729-993-72	s	TRANSISTOR 2SA937
Q702	8-729-800-44	s	TRANSISTOR 2SK152-4
Q705	8-729-800-44	s	TRANSISTOR 2SK152-4
Q706	8-729-224-02	s	TRANSISTOR 2SC2240-BL
Q707	8-729-297-02	s	TRANSISTOR 2SA970-BL
Q801	8-729-993-72	s	TRANSISTOR 2SA937
Q802	8-729-800-44	s	TRANSISTOR 2SK152-4
Q805	8-729-800-44	s	TRANSISTOR 2SK152-4
Q806	8-729-224-02	s	TRANSISTOR 2SC2240-BL
Q807	8-729-297-02	s	TRANSISTOR 2SA970-BL
R1	1-249-417-11	s	RES, CARBON 1K 5% 1/4W
R2	1-249-441-11	s	RES, CARBON 100K 5% 1/4W
R3	1-249-441-11	s	RES, CARBON 100K 5% 1/4W
R4	1-249-429-11	s	RES, CARBON 10K 5% 1/4W
R5	1-249-429-11	s	RES, CARBON 10K 5% 1/4W
R6	1-249-441-11	s	RES, CARBON 100K 5% 1/4W
R7	1-249-429-11	s	RES, CARBON 10K 5% 1/4W
R8	1-249-429-11	s	RES, CARBON 10K 5% 1/4W
R9	1-249-429-11	s	RES, CARBON 10K 5% 1/4W
R10	1-249-441-11	s	RES, CARBON 100K 5% 1/4W
R11	1-249-429-11	s	RES, CARBON 10K 5% 1/4W
R12	1-249-429-11	s	RES, CARBON 10K 5% 1/4W
R13	1-249-441-11	s	RES, CARBON 100K 5% 1/4W
R14, 15	1-249-429-11	s	RES, CARBON 10K 5% 1/4W (Up to Serial No.10400 only)
R101	1-215-445-00	s	RES, METAL 10K 1% 1/4W
R102	1-215-445-00	s	RES, METAL 10K 1% 1/4W
R103	1-215-437-00	s	RES, METAL 4.7K 1% 1/4W
R104	1-215-437-00	s	RES, METAL 4.7K 1% 1/4W
R106	1-215-410-00	s	RES, METAL 360 1% 1/4W
R107	1-215-449-00	s	RES, METAL 15K 1% 1/4W
R108	1-215-421-00	s	RES, METAL 1K 1% 1/4W
R109	1-215-429-00	s	RES, METAL 2.2K 1% 1/4W
R110	1-247-901-11	s	RES, CARBON 820K 5% 1/4W
R111	1-215-449-00	s	RES, METAL 15K 1% 1/4W
R112	1-249-417-11	s	RES, CARBON 1K 5% 1/4W
R113	1-215-425-00	s	RES, METAL 1.5K 1% 1/4W
R114	1-215-436-00	s	RES, METAL 4.3K 1% 1/4W
R115	1-215-443-00	s	RES, METAL 8.2K 1% 1/4W
R116	1-249-441-11	s	RES, CARBON 100K 5% 1/4W
R120	1-215-447-00	s	RES, METAL 12K 1% 1/4W
R121	1-215-445-00	s	RES, METAL 10K 1% 1/4W
R122	1-215-445-00	s	RES, METAL 10K 1% 1/4W
R123	1-247-897-11	s	RES, CARBON 560K 5% 1/4W
R128	1-249-405-11	s	RES, CARBON 100 5% 1/4W
R129	1-249-424-11	s	RES, CARBON 3.9K 5% 1/4W
R130	1-249-429-11	s	RES, CARBON 10K 5% 1/4W
R131	1-215-445-00	s	RES, METAL 10K 1% 1/4W
R132	1-249-428-11	s	RES, CARBON 8.2K 5% 1/4W
R133	1-249-428-11	s	RES, CARBON 8.2K 5% 1/4W
R134	1-249-391-11	s	RES, CARBON 6.8 5% 1/4W

Ref. No.	Parts No.	SP	Description			
R135	1-249-391-11	s	RES, CARBON	6.8	5%	1/4W
R136	1-215-430-00	s	RES, METAL	2.4K	1%	1/4W
R137	1-215-461-00	s	RES, METAL	47K	1%	1/4W
R140	1-247-901-11	s	RES, CARBON	820K	5%	1/4W
R141	1-215-477-00	s	RES, METAL	220K	1%	1/4W
R142	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R143	1-249-395-11	s	RES, CARBON	15	5%	1/4W
R144	1-249-409-11	s	RES, CARBON	220	5%	1/4W
R145	1-249-405-11	s	RES, CARBON	100	5%	1/4W
R146	1-215-469-00	s	RES, METAL	100K	1%	1/4W
R147	1-249-395-11	s	RES, CARBON	15	5%	1/4W
R150	1-247-903-00	s	RES, CARBON	1M	5%	1/4W
R151	1-247-901-11	s	RES, CARBON	820K	5%	1/4W
R152	1-247-903-00	s	RES, CARBON	1M	5%	1/4W
R155	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
R201	1-215-445-00	s	RES, METAL	10K	1%	1/4W
R202	1-215-445-00	s	RES, METAL	10K	1%	1/4W
R203	1-215-437-00	s	RES, METAL	4.7K	1%	1/4W
R204	1-215-437-00	s	RES, METAL	4.7K	1%	1/4W
R206	1-215-410-00	s	RES, METAL	360	1%	1/4W
R207	1-215-449-00	s	RES, METAL	15K	1%	1/4W
R208	1-215-421-00	s	RES, METAL	1K	1%	1/4W
R209	1-215-429-00	s	RES, METAL	2.2K	1%	1/4W
R210	1-247-901-11	s	RES, CARBON	820K	5%	1/4W
R211	1-215-449-00	s	RES, METAL	15K	1%	1/4W
R212	1-249-417-11	s	RES, CARBON	1K	5%	1/4W
R213	1-215-425-00	s	RES, METAL	1.5K	1%	1/4W
R214	1-215-436-00	s	RES, METAL	4.3K	1%	1/4W
R215	1-215-443-00	s	RES, METAL	8.2K	1%	1/4W
R216	1-249-441-11	s	RES, CARBON	100K	5%	1/4W
R220	1-215-447-00	s	RES, METAL	12K	1%	1/4W
R221	1-215-445-00	s	RES, METAL	10K	1%	1/4W
R222	1-215-445-00	s	RES, METAL	10K	1%	1/4W
R223	1-247-897-11	s	RES, CARBON	560K	5%	1/4W
R228	1-249-405-11	s	RES, CARBON	100	5%	1/4W
R229	1-249-424-11	s	RES, CARBON	3.9K	5%	1/4W
R230	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R231	1-215-445-00	s	RES, METAL	10K	1%	1/4W
R232	1-249-428-11	s	RES, CARBON	8.2K	5%	1/4W
R233	1-249-428-11	s	RES, CARBON	8.2K	5%	1/4W
R234	1-249-391-11	s	RES, CARBON	6.8	5%	1/4W
R235	1-249-391-11	s	RES, CARBON	6.8	5%	1/4W
R236	1-215-430-00	s	RES, METAL	2.4K	1%	1/4W
R237	1-215-461-00	s	RES, METAL	47K	1%	1/4W
R240	1-247-901-11	s	RES, CARBON	820K	5%	1/4W
R241	1-215-477-00	s	RES, METAL	220K	1%	1/4W
R242	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R243	1-249-395-11	s	RES, CARBON	15	5%	1/4W
R244	1-249-409-11	s	RES, CARBON	220	5%	1/4W
R245	1-249-405-11	s	RES, CARBON	100	5%	1/4W
R246	1-215-469-00	s	RES, METAL	100K	1%	1/4W
R247	1-249-395-11	s	RES, CARBON	15	5%	1/4W
R250	1-247-903-00	s	RES, CARBON	1M	5%	1/4W
R251	1-247-901-11	s	RES, CARBON	820K	5%	1/4W
R252	1-247-903-00	s	RES, CARBON	1M	5%	1/4W
R255	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
R301	1-215-445-00	s	RES, METAL	10K	1%	1/4W
R302	1-215-445-00	s	RES, METAL	10K	1%	1/4W
R303	1-215-437-00	s	RES, METAL	4.7K	1%	1/4W
R304	1-215-437-00	s	RES, METAL	4.7K	1%	1/4W
R306	1-215-410-00	s	RES, METAL	360	1%	1/4W
R307	1-215-449-00	s	RES, METAL	15K	1%	1/4W
R308	1-215-421-00	s	RES, METAL	1K	1%	1/4W
R309	1-215-429-00	s	RES, METAL	2.2K	1%	1/4W
R310	1-247-901-11	s	RE5, CARBON	820K	5%	1/4W
R311	1-215-449-00	s	RES, METAL	15K	1%	1/4W
R312	1-249-417-11	s	RES, CARBON	1K	5%	1/4W
R313	1-215-425-00	s	RES, METAL	1.5K	1%	1/4W
R314	1-215-436-00	s	RES, METAL	4.3K	1%	1/4W
R315	1-215-443-00	s	RES, METAL	8.2K	1%	1/4W
R316	1-249-441-11	s	RES, CARBON	100K	5%	1/4W
R320	1-215-447-00	s	RES, METAL	12K	1%	1/4W
R321	1-215-445-00	s	RES, METAL	10K	1%	1/4W
R322	1-215-445-00	s	RES, METAL	10K	1%	1/4W
R323	1-247-897-11	s	RES, CARBON	560K	5%	1/4W
R328	1-249-405-11	s	RES, CARBON	100	5%	1/4W
R329	1-249-424-11	s	RES, CARBON	3.9K	5%	1/4W
R330	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R331	1-215-445-00	s	RES, METAL	10K	1%	1/4W
R332	1-249-428-11	s	RES, CARBON	8.2K	5%	1/4W
R333	1-249-428-11	s	RES, CARBON	8.2K	5%	1/4W
R334	1-249-391-11	s	RES, CARBON	6.8	5%	1/4W
R335	1-249-391-11	s	RES, CARBON	6.8	5%	1/4W
R336	1-215-430-00	s	RES, METAL	2.4K	1%	1/4W
R337	1-215-461-00	s	RES, METAL	47K	1%	1/4W
R340	1-247-901-11	s	RES, CARBON	820K	5%	1/4W
R341	1-215-477-00	s	RES, METAL	220K	1%	1/4W
R342	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R343	1-249-395-11	s	RES, CARBON	15	5%	1/4W
R344	1-249-409-11	s	RES, CARBON	220	5%	1/4W
R345	1-249-405-11	s	RES, CARBON	100	5%	1/4W
R346	1-215-469-00	s	RES, METAL	100K	1%	1/4W
R347	1-249-395-11	s	RES, CARBON	15	5%	1/4W
R350	1-247-903-00	s	RES, CARBON	1M	5%	1/4W
R351	1-247-901-11	s	RES. CARBON	820K	5%	1/4W
R352	1-247-903-00	s	RES, CARBON	1M	5%	1/4W
R355	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
R401	1-215-445-00	s	RES, METAL	10K	1%	1/4W
R402	1-215-445-00	s	RES, METAL	10K	1%	1/4W
R403	1-215-437-00	s	RES, METAL	4.7K	1%	1/4W

Ref. No.	Parts No.	SP	Description			
R404	1-215-437-00	s	RES, METAL	4.7K	1%	1/4W
R406	1-215-410-00	s	RES, METAL	360	1%	1/4W
R407	1-215-449-00	s	RES, METAL	15K	1%	1/4W
R408	1-215-421-00	s	RES, METAL	1K	1%	1/4W
R409	1-215-429-00	s	RES, METAL	2.2K	1%	1/4W
R410	1-247-901-11	s	RES, CARBON	820K	5%	1/4W
R411	1-215-449-00	s	RES, METAL	15K	1%	1/4W
R412	1-249-417-11	s	RES, CARBON	1K	5%	1/4W
R413	1-215-425-00	s	RES, METAL	1.5K	1%	1/4W
R414	1-215-436-00	s	RES, METAL	4.3K	1%	1/4W
R415	1-215-443-00	s	RES, METAL	82K	1%	1/4W
R416	1-249-441-11	s	RES, CARBON	100K	5%	1/4W
R420	1-215-447-00	s	RES, METAL	12K	1%	1/4W
R421	1-215-445-00	s	RES, METAL	10K	1%	1/4W
R422	1-215-445-00	s	RES, METAL	10K	1%	1/4W
R423	1-247-897-11	s	RES, CARBON	560K	5%	1/4W
R428	1-249-405-11	s	RES, CARBON	100	5%	1/4W
R429	1-249-424-11	s	RES, CARBON	3.9K	5%	1/4W
R430	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R431	1-215-445-00	s	RES, METAL	10K	1%	1/4W
R432	1-249-428-11	s	RES, CARBON	8.2K	5%	1/4W
R433	1-249-428-11	s	RES, CARBON	8.2K	5%	1/4W
R434	1-249-391-11	s	RES, CARBON	6.8	5%	1/4W
R435	1-249-391-11	s	RES, CARBON	6.8	5%	1/4W
R436	1-215-430-00	s	RES, METAL	2.4K	1%	1/4W
R437	1-215-461-00	s	RES, METAL	47K	1%	1/4W
R440	1-247-901-11	s	RES, CARBON	820K	5%	1/4W
R441	1-215-477-00	s	RES, METAL	220K	1%	1/4W
R442	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R443	1-249-395-11	s	RES, CARBON	15	5%	1/4W
R444	1-249-409-11	s	RES, CARBON	220	5%	1/4W
R445	1-249-405-11	s	RES, CARBON	100	5%	1/4W
R446	1-215-469-00	s	RES, METAL	100K	1%	1/4W
R447	1-249-395-11	s	RES, CARBON	15	5%	1/4W
R450	1-247-903-00	s	RES, CARBON	1M	5%	1/4W
R451	1-247-901-11	s	RES, CARBON	820K	5%	1/4W
R452	1-247-903-00	s	RES, CARBON	1M	5%	1/4W
R455	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
R501	1-215-445-00	s	RES, METAL	10K	1%	1/4W
R502	1-215-445-00	s	RES, METAL	10K	1%	1/4W
R503	1-215-437-00	s	RES, METAL	4.7K	1%	1/4W
R504	1-215-437-00	s	RES, METAL	4.7K	1%	1/4W
R506	1-215-412-00	s	RES, METAL	360	1%	1/4W
R507	1-215-449-00	s	RES, METAL	15K	1%	1/4W
R508	1-215-421-00	s	RES, METAL	1K	1%	1/4W
R509	1-215-429-00	s	RES, METAL	2.2K	1%	1/4W
R510	1-247-901-11	s	RES, CARBON	820K	5%	1/4W
R511	1-215-449-00	s	RES, METAL	15K	1%	1/4W
R512	1-249-417-11	s	RES, CARBON	1K	5%	1/4W
R513	1-215-425-00	s	RES, METAL	1.5K	1%	1/4W
R514	1-215-436-00	s	RES, METAL	4.3K	1%	1/4W
R515	1-215-443-00	s	RES, METAL	8.2K	1%	1/4W
R516	1-249-441-11	s	RES, CARBON	100K	5%	1/4W
R520	1-215-447-00	s	RES, METAL	12K	1%	1/4W
R521	1-215-445-00	s	RES, METAL	10K	1%	1/4W
R522	1-215-445-00	s	RES, METAL	10K	1%	1/4W
R523	1-247-897-11	s	RES, CARBON	560K	5%	1/4W
R528	1-249-405-11	s	RES, CARBON	100	5%	1/4W
R529	1-249-424-11	s	RES, CARBON	3.9K	5%	1/4W
R530	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R531	1-215-445-00	s	RES, METAL	10K	1%	1/4W
R532	1-249-428-11	s	RES, CARBON	8.2K	5%	1/4W
R533	1-249-428-11	s	RES, CARBON	8.2K	5%	1/4W
R534	1-249-391-11	s	RES, CARBON	6.8	5%	1/4W
R535	1-249-391-11	s	RES, CARBON	6.8	5%	1/4W
R536	1-215-430-00	s	RES, METAL	2.4K	1%	1/4W
R537	1-215-461-00	s	RES, METAL	47K	1%	1/4W
R540	1-247-901-11	s	RES, CARBON	820K	5%	1/4W
R541	1-215-477-00	s	RES, METAL	220K	1%	1/4W
R542	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R543	1-249-395-11	s	RES, CARBON	15	5%	1/4W
R544	1-249-409-11	s	RES, CARBON	220	5%	1/4W
R545	1-249-405-11	s	RES, CARBON	100	5%	1/4W
R546	1-215-469-00	s	RES, METAL	100K	1%	1/4W
R547	1-249-395-11	s	RES, CARBON	15	5%	1/4W
R550	1-247-903-00	s	RES, CARBON	1M	5%	1/4W
R551	1-247-901-11	s	RES, CARBON	820K	5%	1/4W
R552	1-247-903-00	s	RES, CARBON	1M	5%	1/4W
R555	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
R601	1-215-445-00	s	RES, METAL	10K	1%	1/4W
R602	1-215-445-00	s	RES, METAL	10K	1%	1/4W
R603	1-215-437-00	s	RES, METAL	4.7K	1%	1/4W
R604	1-215-437-00	s	RES, METAL	4.7K	1%	1/4W
R606	1-215-410-00	s	RES, METAL	360	1%	1/4W
R607	1-215-449-00	s	RES, METAL	15K	1%	1/4W
R608	1-215-421-00	s	RES, METAL	1K	1%	1/4W
R609	1-215-429-00	s	RES, METAL	2.2K	1%	1/4W
R610	1-247-901-11	s	RES, CARBON	820K	5%	1/4W
R611	1-215-449-00	s	RES, METAL	15K	1%	1/4W
R612	1-249-417-11	s	RES, CARBON	1K	5%	1/4W
R613	1-215-425-00	s	RES, METAL	1.5K	1%	1/4W
R614	1-215-436-00	s	RES, METAL	4.3K	1%	1/4W
R615	1-215-443-00	s	RES, METAL	8.2K	1%	1/4W
R616	1-249-441-11	s	RES, CARBON	100K	5%	1/4W
R620	1-215-447-00	s	RES, METAL	12K	1%	1/4W
R621	1-215-445-00	s	RES, METAL	10K	1%	1/4W
R622	1-215-445-00	s	RES, METAL	10K	1%	1/4W
R623	1-247-897-11	s	RES, CARBON	560K	5%	1/4W
R628	1-249-405-11	s	RES, CARBON	100	5%	1/4W
R629	1-249-424-11	s	RES, CARBON	3.9K	5%	1/4W

Ref. No.	Parts No.	SP	Description			
R630	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R631	1-215-445-00	s	RES, METAL	10K	1%	1/4W
R632	1-249-428-11	s	RES, CARBON	8.2K	5%	1/4W
R633	1-249-428-11	s	AES, CARBON	8.2K	5%	1/4W
R634	1-249-391-11	s	RES, CARBON	6.8	5%	1/4W
R635	1-249-391-11	s	RES, CARBON	6.8	5%	1/4W
R636	1-215-430-00	s	RES, METAL	2.4K	1%	1/4W
R637	1-215-461-00	s	RES, METAL	47K	1%	1/4W
R640	1-247-901-11	s	RES, CARBON	820K	5%	1/4W
R641	1-215-477-00	s	RES, METAL	220K	1%	1/4W
R642	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R643	1-249-395-11	s	RES, CARBON	15	5%	1/4W
R644	1-249-409-11	s	RES, CARBON	220	5%	1/4W
R645	1-249-405-11	s	RES, CARBON	100	5%	1/4W
R646	1-215-469-00	s	RES, METAL	100K	1%	1/4W
R647	1-249-395-11	s	RES, CARBON	15	5%	1/4W
R650	1-247-903-00	s	RES, CARBON	1M	5%	1/4W
R651	1-247-901-11	s	RES, CARBON	820K	5%	1/4W
R652	1-247-903-00	s	RES, CARBON	1M	5%	1/4W
R655	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
R701	1-215-445-00	s	RES, METAL	10K	1%	1/4W
R702	1-215-445-00	s	RES, METAL	10K	1%	1/4W
R703	1-215-437-00	s	RES, METAL	4.7K	1%	1/4W
R704	1-215-437-00	s	RES, METAL	4.7K	1%	1/4W
R706	1-215-410-00	s	RES, METAL	360	1%	1/4W
R707	1-215-449-00	s	RES, METAL	15K	1%	1/4W
R708	1-215-421-00	s	AES, METAL	1K	1%	1/4W
R709	1-215-429-00	s	RES, METAL	2.2K	1%	1/4W
R710	1-247-901-11	s	RES, CARBON	820K	5%	1/4W
R711	1-215-449-00	s	RES, METAL	15K	1%	1/4W
R712	1-249-417-11	s	RES, CARBON	1K	5%	1/4W
R713	1-215-425-00	s	RES, METAL	1.5K	1%	1/4W
R714	1-215-436-00	s	RES, METAL	4.3K	1%	1/4W
R715	1-215-443-00	s	RES, METAL	8.2K	1%	1/4W
R716	1-249-441-11	s	RES, CARBON	100K	5%	1/4W
R720	1-215-447-00	s	RES, METAL	12K	1%	1/4W
R721	1-215-445-00	s	RES, METAL	10K	1%	1/4W
R722	1-215-445-00	s	RES, METAL	10K	1%	1/4W
R723	1-247-897-11	s	RES, CARBON	560K	5%	1/4W
R728	1-249-405-11	s	RES, CARBON	100	5%	1/4W
R729	1-249-424-11	s	RES, CARBON	3.9K	5%	1/4W
R730	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R731	1-215-445-00	s	RES, METAL	10K	1%	1/4W
R732	1-249-428-11	s	RES, CARBON	8.2K	5%	1/4W
R733	1-249-428-11	s	RES, CARBON	8.2K	5%	1/4W
R734	1-249-391-11	s	RES, CARBON	6.8	5%	1/4W
R735	1-249-391-11	s	RES, CARBON	6.8	5%	1/4W
R736	1-215-430-00	s	RES, METAL	2.4K	1%	1/4W
R737	1-215-461-00	s	RES, METAL	47K	1%	1/4W
R740	1-247-901-11	s	RES, CARBON	820K	5%	1/4W
R741	1-215-477-00	s	RES, METAL	220K	1%	1/4W
R742	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R743	1-249-395-11	s	RES, CARBON	15	5%	1/4W
R744	1-249-409-11	s	RES, CARBON	220	5%	1/4W
R745	1-249-405-11	s	RES, CARBON	100	5%	1/4W
R746	1-215-469-00	s	RES, METAL	100K	1%	1/4W
R747	1-249-395-11	s	RES, CARBON	15	5%	1/4W
R750	1-247-903-00	s	RES, CARBON	1M	5%	1/4W
R751	1-247-901-11	s	RES, CARBON	820K	5%	1/4W
R752	1-247-903-00	s	RES, CARBON	1M	5%	1/4W
R755	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
R801	1-215-445-00	s	RES, METAL	10K	1%	1/4W
R802	1-215-445-00	s	RES, METAL	10K	1%	1/4W
R803	1-215-437-00	s	RES, METAL	4.7K	1%	1/4W
R804	1-215-437-00	s	RES, METAL	4.7K	1%	1/4W
R806	1-215-410-00	s	RES, METAL	360	1%	1/4W
R807	1-215-449-00	s	RES, METAL	15K	1%	1/4W
R808	1-215-421-00	s	RES, METAL	1K	1%	1/4W
R809	1-215-429-00	s	RES, METAL	2.2K	1%	1/4W
R810	1-247-901-11	s	RES, CARBON	820K	5%	1/4W
R811	1-215-449-00	s	RES, METAL	15K	1%	1/4W
R812	1-249-417-11	s	RES, CARBON	1K	5%	1/4W
R813	1-215-425-00	s	RES, METAL	1.5K	1%	1/4W
R814	1-215-436-00	s	RES, METAL	4.3K	1%	1/4W
R815	1-215-443-00	s	RES, METAL	8.2K	1%	1/4W
R816	1-249-441-11	s	RES, CARBON	100K	5%	1/4W
R820	1-215-447-00	s	RES, METAL	12K	1%	1/4W
R821	1-215-445-00	s	RES, METAL	10K	1%	1/4W
R822	1-215-445-00	s	RES, METAL	10K	1%	1/4W
R823	1-247-897-11	s	RES, CARBON	560K	5%	1/4W
R828	1-249-405-11	s	RES, CARBON	100	5%	1/4W
R829	1-249-424-11	s	RES, CARBON	3.9K	5%	1/4W
R830	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R831	1-215-445-00	s	RES, METAL	10K	1%	1/4W
R832	1-249-428-11	s	RES, CARBON	8.2K	5%	1/4W
R833	1-249-428-11	s	RES, CARBON	8.2K	5%	1/4W
R834	1-249-391-11	s	RES, CARBON	6.8	5%	1/4W
R835	1-249-391-11	s	RES, CARBON	6.8	5%	1/4W
R836	1-215-430-00	s	RES, METAL	2.4K	1%	1/4W
R837	1-215-461-00	s	RES, METAL	47K	1%	1/4W
R840	1-247-901-11	s	RES, CARBON	820K	5%	1/4W
R841	1-215-477-00	s	RES, METAL	220K	1%	1/4W
R842	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R843	1-249-395-11	s	RES, CARBON	15	5%	1/4W
R844	1-249-409-11	s	RES, CARBON	220	5%	1/4W
R845	1-249-405-11	s	RES, CARBON	100	5%	1/4W
R846	1-215-469-00	s	RES, METAL	100K	1%	1/4W
R847	1-249-395-11	s	RES, CARBON	15	5%	1/4W
R850	1-247-903-00	s	RES, CARBON	1M	5%	1/4W
R851	1-247-901-11	s	RES, CARBON	820K	5%	1/4W

Ref. No.	Parts No.	SP	Description			
R852	1-247-903-00	s	RES, CARBON	1M	5%	1/4W
R855	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
RB1	1-235-196-00	s	RES BLOCK I00K×8			
RB2	1-235-196-00	s	RES BLOCK I00K×8			
RB3	1-235-195-00	s	RES BLOCK 10K×8			
to RB5			(Up to Serial No.10312 only)			
RV101	1-230-748-21	s	RES, ADJ, CERMET 2K			
RV102	1-237-521-21	s	RES, ADJ, CERMET I00K			
RV103	1-237-518-21	s	RES, ADJ, CERMET 10K			
RV201	1-230-748-21	s	RES, ADJ, CERMET 2K			
RV202	1-237-521-21	s	RES, ADJ, CERMET I00K			
RV203	1-237-518-21	s	RES, ADJ, CERMET 10K			
RV301	1-230-748-21	s	RES, ADJ, CERMET 2K			
RV302	1-237-521-21	s	RES, ADJ, CERMET I00K			
RV303	1-237-518-21	s	RES, ADJ, CERMET 10K			
RV401	1-230-748-21	s	RES, ADJ, CERMET 2K			
RV402	1-237-521-21	s	RES, ADJ, CERMET I00K			
RV403	1-237-518-21	s	RES, ADJ, CERMET 10K			
RV501	1-230-748-21	s	RES, ADJ, CERMET 2K			
RV502	1-237-521-21	s	RES, ADJ, CERMET I00K			
RV503	1-237-518-21	s	RES, ADJ, CERMET 10K			
RV601	1-230-748-21	s	RES, ADJ, CERMET 2K			
RV602	1-237-521-21	s	RES, ADJ, CERMET I00K			
RV603	1-237-518-21	s	RES, ADJ, CERMET 10K			
RV701	1-230-748-21	s	RES, ADJ, CERMET 2K			
RV702	1-237-521-21	s	RES, ADJ, CERMET I00K			
RV703	1-237-518-21	s	RES, ADJ, CERMET 10K			
RV801	1-230-748-21	s	RES, ADJ, CERMET 2K			
RV802	1-237-521-21	s	RES, ADJ, CERMET I00K			
RV803	1-237-518-21	s	RES, ADJ, CERMET 10K			
SW1	1-571-408-11	s	SWITCH, TOGGLE			
to SW8						

ARP-2 BOARD

Ref. No.	Parts No.	SP	Description			
-	A-7850-654-A	o	COMPLETE PCB, ARP-2			
(This assembly includes the following parts.)						
-	3-714-634-11	o	LEVER, PC BOARD			
-	7-626-320-11	o	PIN,SPRING 3×8			
-	7-682-546-04	s	SCREW +B 3×5			
-	7-685-546-14	s	SCREW +BTP 3×8			
C101	1-101-004-00	s	CAP, CERAMIC	0.01		50V
to C160						
C161	1-126-096-11	s	CAP, ELECT	10	20%	35V
C162	1-126-096-11	s	CAP, ELECT	10	20%	35V
C163	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C164	1-126-096-11	s	CAP, ELECT	10	20%	35V
C165	1-126-096-11	s	CAP, ELECT	10	20%	35V
C166	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C167	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C168	1-126-096-11	s	CAP, ELECT	10	20%	35V
C1002	1-101-004-00	s	CAP, CERAMIC	0.01		50V

Ref. No.	Parts No.	SP	Description			
C1004	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C1005	1-124-257-00	s	CAP, ELECT	2.2	20%	50V
C1006	1-124-438-00	s	CAP, ELECT	1	20%	50V
C1008	1-124-257-00	s	CAP, ELECT	2.2	20%	50V
C1009	1-126-301-11	s	CAP, ELECT	1	20%	50V
C1010	1-126-301-11	s	CAP, ELECT	1	20%	50V
C1011	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C1013	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C1015	1-102-112-00	s	CAP, CERAMIC	330P	10%	50V
C1016	1-126-301-11	s	CAP, ELECT	1	20%	50V
C1017	1-126-301-11	s	CAP, ELECT	1	20%	50V
C1018	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C1020	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C1021	1-102-112-00	s	CAP, CERAMIC	330P	10%	50V
C1022	1-126-301-11	s	CAP, ELECT	1	20%	50V
C1024	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C1026	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C1028	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C1030	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C1032	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C1034	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C1036	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C1037	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C1039	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C1041	1-136-165-00	s	CAP, FILM	0.1	5%	50V
C1042	1-136-165-00	s	CAP, FILM	0.1	5%	50V
C1043	1-136-165-00	s	CAP, FILM	0.1	5%	50V
C1044	1-136-165-00	s	CAP, FILM	0.1	5%	50V
C1045	1-126-103-11	s	CAP, ELECT	470	20%	16V
C1046	1-124-443-00	s	CAP, ELECT	100	20%	10V
C1047	1-136-165-00	s	CAP, FILM	0.1	5%	50V
C1048	1-136-165-00	s	CAP, FILM	0.1	5%	50V
t0 C1050						
C1051	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C1053	1-124-478-11	s	CAP, ELECT	100	20%	25V
C1054	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C1056	1-124-478-11	s	CAP, ELECT	100	20%	25V
C1057	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C1059	1-124-478-11	s	CAP, ELECT	100	20%	25V
C1060	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C1062	1-124-478-11	s	CAP, ELECT	100	20%	25V
C1063	1-124-589-11	s	CAP, ELECT	47	20%	16V
C1064	1-124-589-11	s	CAP, ELECT	47	20%	16V
C1101	1-130-481-00	s	CAP, MYLAR	0.0068	5%	50V
C1102	1-126-301-11	s	CAP, ELECT	1	20%	50V
C1103	1-102-110-00	s	CAP, CERAMIC	220P	10%	50V
C1105	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C1107	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C1108	1-130-472-00	s	CAP, MYLAR	0.0012	5%	50V
C1109	1-130-469-00	s	CAP, MYLAR	680P	5%	50V
C1110	1-136-177-00	s	CAP, FILM	1	5%	50V

Ref. No.	Parts No.	SP	Description			
C1112	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C1114	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C1116	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C1118	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C1119	1-130-472-00	s	CAP, MYLAR	0.0012	5%	50V
C1120	1-130-469-00	s	CAP, MYLAR	680P	5%	50V
C1122	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C1124	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C1125	1-130-482-00	s	CAP, MYLAR	0.0082	5%	50V
C1127	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C1129	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C1130	1-130-475-00	s	CAP, MYLAR	0.0022	5%	50V
C1131	1-126-301-11	s	CAP, ELECT	1	20%	50V
C1132	1-130-472-00	s	CAP, MYLAR	0.0012	5%	50V
C1133	1-126-301-11	s	CAP, ELECT	1	20%	50V
C1135	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C1137	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C1138	1-102-110-00	s	CAP, CERAMIC	220P	10%	50V
C1201	1-130-481-00	s	CAP, MYLAR	0.0068	5%	50V
C1202	1-126-301-11	s	CAP, ELECT	1	20%	50V
C1203	1-102-110-00	s	CAP, CERAMIC	220P	10%	50V
C1205	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C1207	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C1208	1-130-472-00	s	CAP, MYLAR	0.0012	5%	50V
C1209	1-130-469-00	s	CAP, MYLAR	680P	5%	50V
C1210	1-136-177-00	s	CAP, FILM	1	5%	50V
C1212	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C1214	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C1216	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C1218	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C1219	1-130-472-00	s	CAP, MYLAR	0.0012	5%	50V
C1220	1-130-469-00	s	CAP, MYLAR	680P	5%	50V
C1222	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C1224	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C1225	1-130-482-00	s	CAP, MYLAR	0.0082	5%.	50V
C1227	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C1229	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C1230	1-130-475-00	s	CAP, MYLAR	0.0022	5%	50V
C1231	1-126-301-11	s	CAP, ELECT	1	20%	50V
C1232	1-130-472-00	s	CAP, MYLAR	0.0012	5%	50V
C1233	1-126-301-11	s	CAP, ELECT	1	20%	50V
C1235	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C1237	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C1238	1-102-110-00	s	CAP,CERAMIC	220P	10%	50V
C1302	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C1304	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C1306	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C1307	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C1310	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C1312	1-101-004-00	s	CAP, CERAMIC	0.01		50V

Ref. No.	Parts No.	SP	Description			
C1313	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C1401	1-126-301-11	s	CAP, ELECT	1	20%	50V
C1402	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C1404	1-126-301-11	s	CAP, ELECT	1	20%	50V
C1406	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C1408	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C1410	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C1411	1-126-301-11	s	CAP, ELECT	1	20%	50V
C1412	1-136-165-00	s	CAP, FILM	0.1	5%	50V
C1413	1-103-705-00	s	CAP, FILM	150P	5%	50V
C1415	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C1417	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C2001	1-124-234-00	s	CAP, ELECT	22	20%	16V
C2002	1-126-301-11	s	CAP, ELECT	1	20%	50V
C2003	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C2005	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C2007	1-124-234-00	s	CAP, ELECT	22	20%	16V
C2008	1-126-301-11	s	CAP, ELECT	1	20%	50V
C2009	1-126-301-11	s	CAP, ELECT	1	20%	50V
C2010	1-124-257-00	s	CAP, ELECT	2.2	20%	50V
C2012	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C2013	1-124-257-00	s	CAP, ELECT	2.2	20%	50V
C2014	1-126-301-11	s	CAP, ELECT	1	20%	50V
C2017	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C2019	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C2021	1-130-467-00	s	CAP, MYLAR	470P	5%	50V
C2022	1-130-467-00	s	CAP, MYLAR	470P	5%	50V
C2023	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C2025	1-130-467-00	s	CAP, MYLAR	470P	5%	50V
C2026	1-130-467-00	s	CAP, MYLAR	470P	5%	50V
C2027	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C2101	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C2103	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C2105	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C2109	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C2113	1-130-472-00	s	CAP, MYLAR	0.0012	25%	50V
C2114	1-130-475-00	s	CAP, MYLAR	0.0022	5%	50V
C2115	1-130-475-00	s	CAP, MYLAR	0.0022	5%	50V
C2116	1-130-472-00	s	CAP, MYLAR	0.0012	5%	50V
C2117	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C2119	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C2121	1-126-301-11	s	CAP, ELECT	1	20%	50V
C2122	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C2124	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C2126	1-126-301-11	s	CAP, ELECT	1	20%	50V
C2127	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C2129	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C2131	1-130-467-00	s	CAP, MYLAR	470P	5%	50V
C2132	1-136-165-00	s	CAP, FILM	01	5%	50V
C2133	1-130-467-00	s	CAP, MYLAR	470P	5%	50V

Ref. No.	Parts No.	SP	Description			
C2134	1-136-165-00	s	CAP, FILM	0.1	5%	50V
C2135	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C2137	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C2139	1-130-467-00	s	CAP, MYLAR	470P	5%	50V
C2140	1-130-467-00	s	CAP, MYLAR	470P	5%	50V
C2141 to C2146	1-136-165-00	s	CAP, FILM	0.1	5%	50V
C2201	1-124-478-11	s	CAP, ELECT	100	20%	25V
C2202	1-124-478-11	s	CAP, ELECT	100	20%	25V
C2203	1-102-112-00	s	CAP, CERAMIC	330P	10%	50V
C2204	1-102-112-00	s	CAP, CERAMIC	330P	10%	50V
C2206	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C2207	1-124-767-00	s	CAP, ELECT	2.2	20%	50V
C2209	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C2210	1-124-767-00	s	CAP, ELECT	2.2	20%	50V
C2301	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C2303	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C2307	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C2308	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C3001	1-102-963-00	s	CAP, CERAMIC	33P	5%	50V
C3002	1-102-109-00	s	CAP, CERAMIC	180P	10%	50V
C3004	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C3006	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C3009	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C3011	1-102-963-00	s	CAP, CERAMIC	33P	5%	50V
C3012	1-102-109-00	s	CAP, CERAMIC	180P	10%	50V
C3013	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C3015	1-102-106-00	s	CAP, CERAMIC	100P	10%	50V
C3016	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C3018	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C3020	1-102-106-00	s	CAP, CERAMIC	100P	10%	50V
C3021	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C3023	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C3025	1-136-165-00	s	CAP, FILM	0.1	5%	50V
C3026	1-130-493-00	s	CAP, MYLAR	0.068	5%	50V
C3027	1-130-493-00	s	CAP, MYLAR	0.068	5%	50V
C3028	1-136-165-00	s	CAP, FILM	0.1	5%	50V
C3029	1-124-257-00	s	CAP, ELECT	2.2	20%	50V
C3030	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C3032	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C3034	1-124-257-00	s	CAP, ELECT	2.2	20%	50V
C3035 to C3037	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C3038	1-130-471-00	s	CAP, MYLAR	0.001	5%	50V
C3039	1-130-471-00	s	CAP, MYLAR	0.001	5%	50V
C3040	1-136-165-00	s	CAP, FILM	0.1	5%	50V
C3041	1-136-165-00	s	CAP, FILM	0.1	5%	50V
C3101	1-124-472-11	s	CAP, ELECT	470	20%	10V
C3102	1-101-004-11	s	CAP, CERAMIC	0.01		50V
C3103	1-124-472-11	s	CAP, ELECT	470	20%	10V
C3105	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C3106	1-124-472-11	s	CAP, ELECT	470	20%	10V

Ref. No.	Parts No.	SP	Description			
C3108	1-124-472-11	s	CAP, ELECT	470	20%	10V
C3109	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C3111	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C3113	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C3115	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C3117	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C3118	1-130-472-00	s	CAP, MYLAR	0.002	5%	50V
C3119	1-126-163-11	s	CAP, ELECT	4.7	20%	35V
C3121	1-130-472-00	s	CAP, MYLAR	0.0012	5%	50V
C3122	1-126-163-11	s	CAP, ELECT	4.7	20%	35V
C3124	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C3201	1-130-479-00	s	CAP, MYLAR	0.0047	5%	50V
C3202	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C3204	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C3206	1-130-479-00	s	CAP, MYLAR	0.0047	5%	50V
C3207	1-102-112-00	s	CAP, CERAMIC	330P	10%	50V
C3208	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C3209	1-126-096-11	s	CAP, ELECT	10	20%	35V
C3210	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C3211	1-126-096-11	s	CAP, ELECT	10	20%	35V
C3212	1-130-473-00	s	CAP, MYLAR	0.0015	5%	50V
C3213	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C3215	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C3217	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C3218	1-102-108-00	s	CAP, CERAMIC	150P	10%	50V
C3219	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C3222	1-102-108-00	s	CAP, CERAMIC	150P	10%	50V
C3223	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C3224	1-102-953-00	s	CAP, CERAMIC	18P	5%	50V
C3225	1-102-112-00	s	CAP, CERAMIC	330P	10%	50V
C3226	1-101-880-00	s	CAP, CERAMIC	47P	5%	50V
C3227	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C3228	1-126-096-11	s	CAP, ELECT	10	20%	35V
C3229	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C3230	1-126-096-11	s	CAP, ELECT	10	20%	35V
C3231	1-130-470-00	s	CAP, MYLAR	820P	5%	50V
C3232	1-136-165-00	s	CAP, FILM	0.1	5%	50V
C3233	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C3235	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C3237	1-102-106-00	s	CAP, CERAMIC	100P	10%	50V
C3238	1-130-479-00	s	CAP, MYLAR	0.0047	5%	50V
C3301	1-130-479-00	s	CAP, MYLAR	0.0047	5%	50V
C3302	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C3304	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C3306	1-130-479-00	s	CAP, MYLAR	0.0047	5%	50V
C3307	1-102-112-00	s	CAP, CERAMIC	330	10%	50V
C3308	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C3309	1-126-096-11	s	CAP, ELECT	10	20%	35V
C3310	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C3311	1-126-096-11	s	CAP, ELECT	10	20%	35V

Ref. No.	Parts No.	SP	Description
C3312	1-130-473-00	s	CAP, MYLAR 0.0015 5% 50V
C3313	1-101-004-00	s	CAP, CERAMIC 0.01 50V
C3315	1-101-004-00	s	CAP, CERAMIC 0.01 50V
C3317	1-101-004-00	s	CAP, CERAMIC 0.01 50V
C3318	1-102-108-00	s	CAP, CERAMIC 150P 10% 50V
C3319	1-101-004-00	s	CAP, CERAMIC 0.01 50V
C3322	1-102-108-00	s	CAP, CERAMIC 150P 10% 50V
C3323	1-101-004-00	s	CAP, CERAMIC 0.01 50V
C3324	1-102-953-00	s	CAP, CERAMIC 18P 5% 50V
C3325	1-102-112-00	s	CAP, CERAMIC 330P 10% 50V
C3326	1-101-880-00	s	CAP, CERAMIC 47P 5% 50V
C3327	1-101-004-00	s	CAP, CERAMIC 0.01 50V
C3328	1-126-096-11	s	CAP, ELECT 10 20% 35V
C3329	1-101-004-00	s	CAP, CERAMIC 0.01 50V
C3330	1-126-096-11	s	CAP, ELECT 10 20% 35V
C3331	1-130-470-00	s	CAP, MYLAR 820P 5% 50V
C3332	1-136-165-00	s	CAP, FILM 0.1 5% 50V
C3333	1-101-004-00	s	CAP, CERAMIC 0.01 50V
C3335	1-101-004-00	s	CAP, CERAMIC 0.01 50V
C3337	1-102-106-00	s	CAP, CERAMIC 100P 10% 50V
C3338	1-130-479-00	s	CAP, MYLAR 0.0047 5% 50V
C4003	1-101-004-00	s	CAP, CERAMIC 0.01 50V
C4005	1-101-004-00	s	CAP, CERAMIC 0.01 50V
C4006	1-126-176-11	s	CAP, ELECT 220 20% 10V
C4007	1-130-471-00	s	CAP, MYLAR 0.001 5% 50V
C4008	1-126-301-11	s	CAP, ELECT 1 20% 50V
C4009	1-102-110-00	s	CAP, CERAMIC 220P 10% 50V
C4011	1-101-004-00	s	CAP, CERAMIC 0.01 50V
C4013	1-101-004-00	s	CAP, CERAMIC 0.01 50V
C4014	1-102-110-00	s	CAP, CERAMIC 220P 10% 50V
C4015	1-130-471-00	s	CAP, MYLAR 0.001 5% 50V
C4016	1-126-301-11	s	CAP, ELECT 1 20% 50V
C4017	1-126-096-11	s	CAP, ELECT 10 20% 35V
C4018	1-101-004-00	s	CAP, CERAMIC 0.01 50V
C4019	1-104-286-11	s	POLYSTYRENE 220P 5% 50V
C4020	1-101-004-00	s	CAP, CERAMIC 0.01 50V
C4022	1-130-471-00	s	CAP, MYLAR 0.001 5% 50V
C4023	1-126-301-11	s	CAP, ELECT 1 20% 50V
C4024	1-102-110-00	s	CAP, CERAMIC 220P 10% 50V
C4026	1-101-004-00	s	CAP, CERAMIC 0.01 50V
C4028	1-101-004-00	s	CAP, CERAMIC 0.01 50V
C4029	1-102-110-00	s	CAP, CERAMIC 220P 10% 50V
C4030	1-130-471-00	s	CAP, MYLAR 0.001 5% 50V
C4031	1-126-301-11	s	CAP, ELECT 1 20% 50V
C6001	1-124-443-00	s	CAP, ELECT 100 20% 10V
C6002	1-124-478-11	s	CAP, ELECT 100 20% 25V
C6003	1-124-478-11	s	CAP, ELECT 100 20% 25V
C6004 to C6009	1-126-096-11	s	CAP, ELECT 10 20% 35V
CN1	1-565-207-21	s	CONNECTOR, DIN (MALE) 128P
CN2	1-565-207-21	s	CONNECTOR, DIN (MALE) 128P

Ref. No.	Parts No.	SP	Description
D1001	8-719-200-02	s	DIODE 10E-2
D1002	8-719-200-02	s	DIODE 10E-2
D1101	8-719-910-68	s	DIODE HZ6C2L
D1102	8-719-910-68	s	DIODE HZ6C2L
D1201	8-719-910-68	s	DIODE HZ6C2L
D1202	8-719-910-68	s	DIODE RD5.1ES-B2
D1401	8-719-109-85	s	DIODE HZ5C2
D2001 to D2004	8-719-911-19	s	DIODE 1SS119
D2101 to D2104	8-719-911-19	s	DIODE 1SS119
D2201 to D2204	8-719-911-19	s	DIODE 1SS119
D3003	8-719-911-19	s	DIODE 1SS119
D3004	8-719-911-19	s	DIODE 1SS119
D3201	8-719-911-19	s	DIODE 1SS119
D3202	8-719-911-19	s	DIODE 1SS119
D3301	8-719-911-19	s	DIODE 1SS119
D3302	8-719-911-19	s	DIODE 1SS119
D4001	8-719-911-19	s	DIODE 1SS119
D4002	8-719-911-19	s	DIODE 1SS119
D4003	8-719-914-12	s	DIODE HZ4BLL
D4004	8-719-914-12	s	DIODE HZ4BLL
D4005	8-719-914-12	s	DIODE HZ4BLL
D4006	8-719-914-12	s	DIODE HZ4BLL
D6001 to D6007	8-719-200-02	s	DIODE 10E-2
FL1101	1-235-565-21	s	FILTER, LOW PASS
FL1102	1-235-565-21	s	FILTER, LOW PASS
FL1201	1-235-565-21	s	FILTER, LOW PASS
FL1202	1-235-565-21	s	FILTER, LOW PASS
FL3101	1-235-565-21	s	FILTER, LOW PASS
FL3102	1-235-565-21	s	FILTER, LOW PASS
IC101	8-759-201-04	s	IC TC40107BP
IC102	8-759-201-04	s	IC TC40107BP
IC1001	8-759-007-21	s	IC MC74HC4053N
IC1002	8-759-905-71	s	IC NE571N
IC1003	8-759-503-91	s	IC TL082ACP
IC1004	8-759-503-91	s	IC TL082ACP
IC1005	8-759-007-21	s	IC MC74HC4053N
IC1006	8-759-007-21	s	IC MC74HC4053N
IC1007	8-759-503-91	s	IC TL082ACP
IC1008	8-759-503-91	s	IC TL082ACP
IC1009	8-749-901-29	s	IC BX-1481
IC1010	8-749-901-29	s	IC BX-1481
IC1101	8-759-503-91	s	IC TL082ACP
IC1102	8-759-503-91	s	IC TL082ACP
IC1103	8-759-007-21	s	IC MC74HC4053N
IC1104	8-759-503-91	s	IC TL082ACP
IC1105	8-759-503-91	s	IC TL082ACP
IC1106	8-759-503-91	s	IC TL082ACP
IC1201	8-759-503-91	s	IC TL082ACP
IC1202	8-759-503-91	s	IC TL082ACP

Ref. No.	Parts No.	SP	Description
IC1203	8-759-007-21	s	IC MC74HC4053N
IC1204	8-759-503-91	s	IC TL082ACP
to IC1206			
IC1301	8-759-904-76	s	IC AM26LS31CN
IC1302	8-759-900-61	s	IC LM361N
IC1303	8-759-900-61	s	IC LM361N
IC1401	8-759-007-21	s	IC MC74HC4053N
IC1402	8-759-503-91	s	IC TL082ACP
IC1403	8-759-007-21	s	IC MC74HC4053N
IC2001	8-759-503-91	s	IC TL082ACP
IC2002	8-759-905-71	s	IC NE571N
IC2003	8-759-503-91	s	IC TL082ACP
IC2004	8-759-503-91	s	IC TL082ACP
IC2101	8-759-503-91	s	IC TL082ACP
IC2102	8-759-007-21	s	IC MC74HC4053N
IC2104	8-759-503-91	s	IC TL082ACP
IC2105	8-759-945-58	s	IC RC4558P
IC2106	8-759-945-58	s	IC RC4558P
IC2107	8-759-503-91	s	IC TL082ACP
IC2201	8-759-981-98	s	IC RC4560DD
IC2301	8-759-945-58	s	IC RC4558P
IC2302	8-759-945-58	s	IC RC4558P
IC3001	8-759-340-46	s	IC HD14046BP
IC3002	8-759-007-21	s	IC MC74HC4053N
IC3003	8-759-340-46	s	IC HD14046BP
IC3004	8-759-131-11	s	IC UPC311C
IC3005	8-759-131-11	s	IC UPC311C
IC3006	8-759-503-91	s	IC TL082ACP
IC3007	8-759-916-74	s	IC SN74HC253AN
IC3008	8-759-239-47	s	IC TC74HC123AP
IC3009	8-759-239-47	s	IC TC74HC123AP
IC3101	8-759-941-73	s	IC MF4CN-50
IC3102	8-759-941-73	s	IC MF4CN-50
IC3103	8-759-945-58	s	IC RC4558P
IC3104	8-759-945-58	s	IC RC4558P
IC3105	8-759-503-91	s	IC TL082ACP
IC3201	8-759-131-11	s	IC UPC311C
IC3202	8-759-131-11	s	IC UPC311C
IC3203	8-759-503-91	s	IC TL082ACP
IC3204	8-759-900-61	s	IC LM361N
IC3205	8-759-109-82	s	IC UPC814C
IC3206	8-759-109-82	s	IC UPC814C
IC3301	8-759-131-11	s	IC UPC311C
IC3302	8-759-131-11	s	IC UPC311C
IC3303	8-759-503-91	s	IC TL082ACP
IC3304	8-759-900-61	s	IC LM361N
IC3305	8-759-109-82	s	IC UPC814C
IC3306	8-759-109-82	s	IC UPC814C
IC4001	8-759-503-91	s	IC TL082ACP
IC4002	8-759-503-91	s	IC TL082ACP
IC4003	8-759-000-48	s	IC MC14052BCP

Ref. No.	Parts No.	SP	Description
IC4004	8-759-503-91	s	IC TL082ACP
IC6001	8-759-990-36	s	IC RC7908FA
IC6002	8-759-982-38	s	IC RC7905FA
IC6003	8-759-982-07	s	IC RC7808FA
IC6004	8-759-982-05	s	IC RC7805FA
ICA1	8-759-917-06	s	IC SN74HC574AN
ICA2	8-759-917-05	s	IC SN74HC541AN
ICA3	8-759-921-08	s	IC SN74HC02AN
ICA4	8-759-921-19	s	IC SN74HC161AN
ICA5	8-759-916-55	s	IC SN74HC175AN
ICA6	8-759-921-19	s	IC SN74HC161AN
to ICA11			
ICA13	8-759-916-29	s	IC SN74HC74AN
ICA14	8-759-926-32	s	IC AM26LS32PC
ICB2	8-759-785-32	s	IC 27256-ARP
ICB3	8-759-916-14	s	IC SN74HC04AN
ICB4	8-759-921-19	s	IC SN74HC161AN
ICB5	8-759-921-19	s	IC SN74HC161AN
ICB6	8-759-233-05	s	IC SN74HC283AP
ICB7	8-759-233-05	s	IC TC74HC283AP
ICB8	8-759-233-05	s	IC TC74HC283AP
ICB9	8-759-916-14	s	IC SN74HC04AN
ICB10	8-759-916-25	s	IC SN74HC32AN
ICB11	8-759-916-25	s	IC SN74HC32AN
ICB12	8-759-916-12	s	IC SN74HC00AN
ICB13	8-759-001-63	s	IC MC74HC595N
ICB14	8-759-001-63	s	IC MC74HC595N
ICC3	8-759-917-06	s	IC SN74HC574AN
ICC4	8-759-917-06	s	IC SN74HC574AN
ICC5	8-759-916-19	s	IC SN74HC11AN
ICC6	8-259-233-05	s	IC TC74HC283AP
ICC7	8-759-916-16	s	IC SN74HC08AN
ICC8	8-759-916-29	s	IC SN74HC74AN
ICC9	8-759-916-29	s	IC SN74HC74AN
ICC10	8-759-921-08	s	IC SN74HC02AN
ICC11	8-759-916-14	s	IC SN74HC04AN
ICC12	8-759-921-08	s	IC SN74HC02AN
ICC14	8-759-001-63	s	IC MC74HC595N
ICD4	8-759-916-23	s	IC SN74HC27AN
ICD5	8-759-921-08	s	IC SN74HC02AN
ICD6	8-759-142-10	s	IC UPD7003C
ICD8	8-759-144-07	s	IC UPD43256AC-10L
ICD9	8-759-917-05	s	IC SN74HC541AN
ICD10	8-759-917-06	s	IC SN74HC574AN
ICD11	8-759-917-06	s	IC SN74HC574AN
ICD12	8-759-504-28	s	IC DAC703JP
ICD14	8-759-504-28	s	IC DAC703JP
L3101	1-410-496-11	s	INDUCTOR, MICRO 1500
L3102	1-410-496-11	s	INDUCTOR, MICRO 1500

Ref. No.	Parts No.	SP	Description			
Q101	8-729-119-78	s	TRANSISTOR 2SC2785-HFE			
Q102	8-729-119-76	s	TRANSISTOR 2SA1175-HFE			
Q103	8-729-119-78	s	TRANSISTOR 2SC2785-HFE			
Q104	8-729-119-76	s	TRANSISTOR 2SA1175-HFE			
Q1001	8-729-119-76	s	TRANSISTOR 2SA1175-HFE			
Q1401	8-729-800-43	s	TRANSISTOR 2SK152-3			
Q1402	8-729-203-03	s	TRANSISTOR 2SK30A-Y			
Q2101	8-729-119-76	s	TRANSISTOR 2SA1175-HFE			
Q2102	8-729-119-78	s	TRANSISTOR 2SC2785-HFE			
Q2103	8-729-800-43	s	TRANSISTOR 2SK152-3			
Q2104	8-729-119-76	s	TRANSISTOR 2SA1175-HFE			
Q2105	8-729-119-78	s	TRANSISTOR 2SC2785-HFE			
Q2106	8-729-800-43	s	TRANSISTOR 2SK152-3			
Q3001	8-729-190-12	s	TRANSISTOR 2SC2901-K			
Q3002	8-729-190-12	s	TRANSISTOR 2SC2901-K			
Q3201	8-729-203-03	s	TRANSISTOR 2SK30A-Y			
Q3202	8-729-203-03	s	TRANSISTOR 2SK30A-Y			
Q3301	8-729-203-03	s	TRANSISTOR 2SK30A-Y			
Q3302	8-729-203-03	s	TRANSISTOR 2SK30A-Y			
Q6001	8-729-900-37	s	TRANSISTOR DTC124EF			
R101 to R104	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R105	1-249-441-11	s	RES, CARBON	100K	5%	1/4W
R106	1-249-441-11	s	RES, CARBON	100K	5%	1/4W
R107 to R120	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R1001	1-249-433-11	s	RES, CARBON	22K	5%	1/4W
R1002	1-249-433-11	s	RES, CARBON	22K	5%	1/4W
R1003	1-249-417-11	s	RES, CARBON	1K	5%	1/4W
R1004	1-249-417-11	s	RES, CARBON	1K	5%	1/4W
R1005	1-249-433-11	s	RES, CARBON	22K	5%	1/4W
R1006	1-249-433-11	s	RES, CARBON	22K	5%	1/4W
R1007 to R1010	1-249-424-11	s	RES, CARBON	3.9K	5%	1/4W
R1011	1-215-408-91	s	RES, METAL	300	1%	1/6W
R1012	1-215-416-91	s	RES, METAL	620	1%	1/6W
R1013	1-249-427-11	s	RES, CARBON	6.8K	5%	1/4W
R1014	1-215-408-00	s	RES, METAL	300	1%	1/6W
R1015	1-215-416-00	s	RES, METAL	620	1%	1/6W
R1016	1-249-427-11	s	RES, CARBON	6.8K	5%	1/4W
R1017	1-249-437-11	s	RES, CARBON	47K	5%	1/4W
R1018	1-247-788-00	s	RES, CARBON	16	5%	1/4W
R1019	1-249-434-11	s	RES, CARBON	27K	5%	1/4W
R1020	1-249-393-11	s	RES, CARBON	10	5%	1/4W
R1021	1-249-393-11	s	RES, CARBON	10	5%	1/4W
R1022	1-247-788-00	s	RES, CARBON	16	5%	1/4W
R1023	1-249-421-11	s	RES, CARBON	2.2K	5%	1/4W
R1024	1-249-437-11	s	RES, CARBON	47K	5%	1/4W
R1025	1-249-437-11	s	RES, CARBON	47K	5%	1/4W
R1026	1-247-788-00	s	RES, CARBON	16	5%	1/4W
R1027	1-249-434-11	s	RES, CARBON	27K	5%	1/4W
R1028	1-249-393-11	s	RES, CARBON	10	5%	1/4W
R1029	1-249-393-11	s	RES, CARBON	10	5%	1/4W

Ref. No.	Parts No.	SP	Description			
R1030	1-247-788-00	s	RES, CARBON	16	5%	1/4W
R1031 to R1034	1-249-441-11	s	RES, CARBON	100K	5%	1/4W
R1035	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R1036	1-249-437-11	s	RES, CARBON	47K	5%	1/4W
R1037	1-249-437-11	s	RES, CARBON	47K	5%	1/4W
R1101	1-215-448-00	s	RES, METAL	13K	1%	1/4W
R1102	1-249-414-11	s	RES, CARBON	560	5%	1/4W
R1103	1-249-423-11	s	RES, CARBON	3.3K	5%	1/4W
R1104	1-249-428-11	s	RES, CARBON	8.2K	5%	1/4W
R1105	1-249-436-11	s	RES, CARBON	39K	5%	1/4W
R1106	1-215-446-00	s	RES, METAL	11K	1%	1/4W
R1107	1-249-423-11	s	RES, CARBON	3.3K	5%	1/4W
R1108	1-249-441-11	s	RES, CARBON	100K	5%	1/4W
R1109	1-249-423-11	s	RES, CARBON	3.3K	5%	1/4W
R1110	1-249-421-11	s	RES, CARBON	2.2K	5%	1/4W
R1111	1-249-421-11	s	RES, CARBON	2.2K	5%	1/4W
R1112	1-249-423-11	s	RES, CARBON	3.3K	5%	1/4W
R1113	1-249-421-11	s	RES, CARBON	2.2K	5%	1/4W
R1114	1-249-421-11	s	RES, CARBON	2.2K	5%	1/4W
R1115	1-249-423-11	s	RES, CARBON	3.3K	5%	1/4W
R1116	1-249-414-11	s	RES, CARBON	560	5%	1/4W
R1117	1-215-448-00	s	RES, METAL	13K	1%	1/4W
R1118	1-249-428-11	s	RES, CARBON	8.2K	5%	1/4W
R1119	1-249-423-11	s	RES, CARBON	3.3K	5%	1/4W
R1120	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R1121	1-249-430-11	s	RES, CARBON	12K	5%	1/4W
R1122	1-249-415-11	s	RES, CARBON	680	5%	1/4W
R1123	1-249-439-11	s	RES, CARBON	68K	5%	1/4W
R1124	1-249-436-11	s	RES, CARBON	39K	5%	1/4W
R1125	1-249-435-11	s	RES, CARBON	33K	5%	1/4W
R1126	1-215-446-00	s	RES, METAL	11K	1%	1/4W
R1201	1-215-448-00	s	RES, METAL	13K	1%	1/4W
R1202	1-249-414-11	s	RES, CARBON	560	5%	1/4W
R1203	1-249-423-11	s	RES, CARBON	3.3K	5%	1/4W
R1204	1-249-428-11	s	RES, CARBON	8.2K	5%	1/4W
R1205	1-249-436-11	s	RES, CARBON	39K	5%	1/4W
R1206	1-215-446-00	s	RES, METAL	11K	1%	1/4W
R1207	1-249-423-11	s	RES, CARBON	3.3K	5%	1/4W
R1208	1-249-441-11	s	RES, CARBON	100K	5%	1/4W
R1209	1-249-423-11	s	RES, CARBON	3.3K	5%	1/4W
R1210	1-249-421-11	s	RES, CARBON	2.2K	5%	1/4W
R1211	1-249-421-11	s	RES, CARBON	2.2K	5%	1/4W
R1212	1-249-423-11	s	RES, CARBON	3.3K	5%	1/4W
R1213	1-249-421-11	s	RES, CARBON	2.2K	5%	1/4W
R1214	1-249-421-11	s	RES, CARBON	2.2K	5%	1/4W
R1215	1-249-423-11	s	RES, CARBON	3.3K	5%	1/4W
R1216	1-249-414-11	s	RES, CARBON	560	5%	1/4W
R1217	1-215-448-00	s	RES, METAL	13K	1%	1/4W
R1218	1-249-428-11	s	RES, CARBON	8.2K	5%	1/4W
R1219	1-249-423-11	s	RES, CARBON	3.3K	5%	1/4W

Ref. No.	Parts No.	SP	Description			
R1220	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R1221	1-249-430-11	s	RES, CARBON	12K	5%	1/4W
R1222	1-249-415-11	s	RES, CARBON	680	5%	1/4W
R1223	1-249-439-11	s	RES, CARBON	68K	5%	1/4W
R1224	1-249-436-11	s	RES, CARBON	39K	5%	1/4W
R1225	1-249-435-11	s	RES, CARBON	33K	5%	1/4W
			(Up to Serial No.10200)			
R1226	1-215-446-00	s	RES, METAL	11K	1%	1/4W
R1301	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R1302	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R1401	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R1402	1-249-413-11	s	RES, CARBON	470	5%	1/4W
R1403	1-215-436-00	s	RES, METAL	4.3K	1%	1/4W
R1404	1-249-403-11	s	RES, CARBON	68	5%	1/4W
R1405	1-249-433-11	s	RES, CARBON	22K	5%	1/4W
R1406	1-249-433-11	s	RES, CARBON	22K	5%	1/4W
R1407	1-249-437-11	s	RES, CARBON	47K	5%	1/4W
R1408	1-249-434-11	s	RES, CARBON	27K	5%	1/4W
R1409	1-249-411-11	s	RES, CARBON	330	5%	1/4W
R1410	1-249-415-11	s	RES, CARBON	680	5%	1/4W
R2001	1 249-412-11	s	RES, CARBON	390	5%	1/4W
R2002	1-249-412-11	s	RES, CARBON	390	5%	1/4W
R2003	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R2004	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R2005	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R2006	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R2007	1-249-417-11	s	RES, CARBON	1K	5%	1/4W
R2008	1-249-417-11	s	RES, CARBON	1K	5%	1/4W
R2009	1-215-416-00	s	RES, METAL	620	1%	1/4W
R2010	1-215-416-00	s	RES, METAL	620	1%	1/4W
R2011 to R2018	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R2101	1-249-439-11	s	RES, CARBON	68K	5%	1/4W
R2102	1-249-412-11	s	AES, CARBON	390	5%	1/4W
R2103	1-249-436-11	s	RES, CARBON	39K	5%	1/4W
R2104	1-249-439-11	s	RES, CARBON	68K	5%	1/4W
R2105	1-249-436-11	s	RES, CARBON	39K	5%	1/4W
R2106	1-249-412-11	s	RES, CARBON	390	5%	1/4W
R2107	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R2108	1-249-432-11	s	RES, CARBON	18K	5%	1/4W
R2109	1-249-433-11	s	RES, CARBON	22K	5%	1/4W
R2110	1-249-432-11	s	RES, CARBON	18K	5%	1/4W
R2111	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R2112	1-249-433-11	s	RES, CARBON	22K	5%	1/4W
R2113	1-249-430-11	s	RES, CARBON	12K	5%	1/4W
R2114	1-249-423-11	s	RES, CARBON	3.3K	5%	1/4W
R2115	1-249-423-11	s	RES, CARBON	3.3K	5%	1/4W
R2116	1-249-430-11	s	RES, CARBON	12K	5%	1/4W
R2117	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R2118	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R2119	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R2120	1-249-434-11	s	RES, CARBON	27K	5%	1/4W
R2121	1-249-429-11	s	RES, CARBON	10K	5%	1/4W

Ref. No.	Parts No.	SP	Description			
R2122 to R2125	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R2126	1-249-434-11	s	RES, CARBON	27K	5%	1/4W
R2127	1-249-441-11	s	RES, CARBON	100K	5%	1/4W
R2130	1-249-441-11	s	RES, CARBON	100K	5%	1/4W
R2131	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R2132	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R2133	1-249-421-11	s	RES, CARBON	2.2K	5%	1/4W
R2134	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R2135	1-249-417-11	s	RES, CARBON	1K	5%	1/4W
R2136	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R2137	1-249-437-11	s	RES, CARBON	47K	5%	1/4W
R2138	1-249-405-11	s	RES, CARBON	100	5%	1/4W
R2139	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R2140	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R2141	1-249-421-11	s	RES, CARBON	2.2K	5%	1/4W
R2142	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R2143	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R2144	1-249-417-11	s	RES, CARBON	1K	5%	1/4W
R2145	1-249-437-11	s	RES, CARBON	47K	5%	1/4W
R2146	1-249-405-11	s	RES, CARBON	100	5%	1/4W
R2201	1-249-401-11	s	RES, CARBON	47	5%	1/4W
R2202	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R2203	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R2204	1-247-903-11	s	RES, CARBON	1M	5%	1/4W
R2205	1-249-401-11	s	RES, CARBON	47	5%	1/4W
R2206	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R2207	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R2208	1-247-903-11	s	RES, CARBON	1M	5%	1/4W
R2209 to R2304	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R2305 to R2308	1-249-405-11	s	RES, CARBON	100	5%	1/4W
R3001	1-249-414-11	s	RES, CARBON	560	5%	1/4W
R3002	1-249-417-11	s	RES, CARBON	1K	5%	1/4W
R3003	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R3004	1-249-413-11	s	RES, CARBON	470	5%	1/4W
R3005	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
R3007	1-249-414-11	s	RES, CARBON	560	5%	1/4W
R3009	1-249-417-11	s	RES, CARBON	1K	5%	1/4W
R3010	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R3011	1-249-413-11	s	RES, CARBON	470	5%	1/4W
R3012	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
R3013	1-249-425-11	s	RES, CARBON	47K	5%	1/4W
R3014	1-247-887-00	s	RES, CARBON	220K	5%	1/4W
R3015	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R3016	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
R3017	1-247-887-00	s	RES, CARBON	220K	5%	1/4W
R3018	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R3019	1-249-433-11	s	RES, CARBON	22K	5%	1/4W
R3020	1-249-433-11	s	RES, CARBON	22K	5%	1I4W
R3021	1-249-431-11	s	RES, CARBON	15K	5%	1/4W
R3022	1-249-417-11	s	RES, CARBON	1K	5%	1/4W

Ref. No.	Parts No.	SP	Description			
R3023	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R3024	1-249-424-11	s	RES, CARBON	3.9K	5%	1/4W
R3025	1-215-428-00	s	RES, METAL	2K	1%	1/4W
R3026	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R3027	1-249-417-11	s	RES, CARBON	1K	5%	1/4W
R3028	1-249-431-11	s	RES, CARBON	15K	5%	1/4W
R3029	1-249-417-11	s	RES, CARBON	1K	5%	1/4W
R3030	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R3031	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R3032	1-215-428-00	s	RES, METAL	2K	1%	1/6W
R3033	1-249-424-11	s	RES, CARBON	3.9K	5%	1/4W
R3034	1-249-417-11	s	RES, CARBON	1K	5%	1/4W
R3035	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R3036	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R3037	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R3038	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R3039	1-249-437-11	s	RES, CARBON	47K	5%	1/4W
R3040 to R3042	1-249-437-11	s	RES, CARBON	47K	5%	1/4W
R3101	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R3102	1-249-431-11	s	RES, CARBON	15K	5%	1/4W
R3103	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R3104	1-249-431-11	s	RES, CARBON	15K	5%	1/4W
R3105	1-249-423-11	s	RES, CARBON	3.3K	5%	1/4W
R3106 to R3108	1-249-423-11	s	RES, CARBON	3.3K	5%	1/4W
R3109	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R3110	1-249-423-11	s	RES, CARBON	3.3K	5%	1/4W
R3111	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R3112	1-249-423-11	s	RES, CARBON	3.3K	5%	1/4W
R3201	1-249-417-11	s	RES, CARBON	1K	5%	1/4W
R3202	1-249-441-11	s	RES, CARBON	100K	5%	1/4W
R3203	1-249-426-11	s	RES, CARBON	56K	5%	1/4W
R3204	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R3205	1-249-417-11	s	RES, CARBON	1K	5%	1/4W
R3206	1-249-433-11	s	RES, CARBON	22K	5%	1/4W
R3207	1-249-433-11	s	RES, CARBON	22K	5%	1/4W
R3208	1-247-887-00	s	RES, CARBON	220K	5%	1/4W
R3209	1-247-887-00	s	RES, CARBON	220K	5%	1/4W
R3210	1-249-405-11	s	RES, CARBON	100	5%	1/4W
R3211	1-249-437-11	s	RES, CARBON	47K	5%	1/4W
R3212	1-249-417-11	s	RES, CARBON	1K	5%	1/4W
R3213	1-249-438-11	s	RES, CARBON	56K	5%	1/4W
R3214	1-249-429-11	s	RES, CARBON	10K	5%/	1/4W
R3215	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R3216	1-249-417-11	s	RES, CARBON	1K	5%	1/4W
R3217	1-249-411-11	s	RES, CARBON	330	5%	1/4W
R3218	1-249-416-11	s	RES, CARBON	820	5%	1/4W
R3219	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R3220	1-249-417-11	s	RES, CARBON	1K	5%	1/4W
R3221	1-249-441-11	s	RES, CARBON	100K	5%	1/4W
R3222	1-249-417-11	s	RES, CARBON	1K	5%	1/4W

Ref. No.	Parts No.	SP	Description			
R3223	1-249-433-11	s	RES, CARBON	22K	5%	1/4W
R3224	1-215-436-00	s	RES, METAL	4.3K	1%	1/6W
R3225	1-249-421-11	s	RES, CARBON	2.2K	5%	1/4W
R3226	1-249-422-11	s	RES, CARBON	2.7K	5%	1/4W
R3227	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R3228	1-249-437-11	s	RES, CARBON	47K	5%	1/4W
R3229	1-249-430-11	s	RES, CARBON	12K	5%	1/4W
R3230	1-249-437-11	s	RES, CARBON	47K	5%	1/4W
R3231	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R3232	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R3233	1-249-426-11	s	RES, CARBON	5.6K	5%	1/4W
R3234	1-249-435-11	s	RES, CARBON	33K	5%	1/4W
R3235	1-247-903-00	s	RES, CARBON	1M	5%	1/4W
R3236	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R3301	1-249-417-11	s	RES, CARBON	1K	5%	1/4W
R3302	1-249-441-11	s	RES, CARBON	100K	5%	1/4W
R3303	1-249-426-11	s	RES, CARBON	5.6K	5%	1/4W
R3304	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R3305	1-249-417-11	s	RES, CARBON	1K	5%	1/4W
R3306	1-249-433-11	s	RES, CARBON	22K	5%	1/4W
R3307	1-249-433-11	s	RES, CARBON	22K	5%	1/4W
R3308	1-247-887-00	s	RES, CARBON	220K	5%	1/4W
R3309	1-247-887-00	s	RES, CARBON	220K	5%	1/4W
R3310	1-249-405-11	s	RES, CARBON	100	5%	1/4W
R3311	1-249-437-11	s	RES, CARBON	47K	5%	1/4W
R3312	1-249-417-11	s	RES, CARBON	1K	5%	1/4W
R3313	1-249-438-11	s	RES, CARBON	56K	5%	1/4W
R3314	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R3315	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R3316	1-249-417-11	s	RES, CARBON	1K	5%	1/4W
R3317	1-249-411-11	s	RES, CARBON	330	5%	1/4W
R3318	1-249-416-11	s	RES, CARBON	820	5%	1/4W
R3319	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R3320	1-249-417-11	s	RES, CARBON	1K	5%	1/4W
R3321	1-249-441-11	s	RES, CARBON	100K	5%	1/4W
R3322	1-249-417-11	s	RES, CARBON	1K	5%	1/4W
R3323	1-249-433-11	s	RES, CARBON	22K	5%	1/4W
R3324	1-215-436-00	s	RES, METAL	4.3K	1%	1/6W
R3325	1-249-421-11	s	RES, CARBON	2.2K	5%	1/4W
R3326	1-249-422-11	s	RES, CARBON	2.7K	5%	1/4W
R3327	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R3328	1-249-437-11	s	RES, CARBON	47K	5%	1/4W
R3329	1-249-434-11	s	RES, CARBON	12K	5%	1/4W
R3330	1-249-437-11	s	RES, CARBON	47K	5%	1/4W
R3331	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R3332	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R3333	1-249-426-11	s	RES, CARBON	5.6K	5%	1/4W
R3334	1-249-435-11	s	RES, CARBON	33K	5%	1/4W
R3335	1-247-903-00	s	RES, CARBON	1M	5%	1/4W
R3336	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R3337	1-249-409-11	s	RES, CARBON	220	5%	1/4W
R3338	1-249-409-11	s	RES, CARBON	220	5%	1/4W
R4001	1-249-406-11	s	RES, CARBON	120	5%	1/4W
R4002 to R4004	1-249-429-11	s	RES, CARBON	10K	5%	1/4W

Ref. No.	Parts No.	SP	Description
R4005	1-249-426-11	s	RES, CARBON 5.6K 5% 1/4W
R4006	1-249-413-11	s	RES, CARBON 470 5% 1/4W
R4007	1-249-429-11	s	RES, CARBON 10K 5% 1/4W
R4008	1-249-409-11	s	RES, CARBON 220 5% 1/4W
R4009	1-249-433-11	s	RES, CARBON 22K 5% 1/4W
R4010 to R4013	1-249-433-11	s	RES, CARBON 22K 5% 1/4W
R4014	1-249-409-11	s	RES, CARBON 220 5% 1/4W
R4015	1-249-433-11	s	RES, CARBON 22K 5% 1/4W
R4016	1-249-409-11	s	RES, CARBON 220 5% 1/4W
R4017	1-249-433-11	s	RES, CARBON 22K 5% 1/4W
R4018	1-249-433-11	s	RES, CARBON 22K 5% 1/4W
R4019	1-249-433-11	s	RES, CARBON 22K 5% 1/4W
R4020	1-249-409-11	s	RES, CARBON 220 5% 1/4W
R4021	1-249-433-11	s	RES, CARBON 22K 5% 1/4W
R4022	1-249-433-11	s	RES, CARBON 22K 5% 1/4W
R4023	1-249-433-11	s	RES, CARBON 22K 5% 1/4W
R6001	1-249-405-11	s	RES, CARBON 100 5% 1/4W
R6002	1-249-409-11	s	RES, CARBON 220 5% 1/4W
RB101	1-235-195-00	s	RES BLOCK 10K×8
RB102	1-235-195-00	s	RES BLOCK 10K×8
RV1001	1-230-748-21	s	RES, ADJ, CERMET 2K
RV1002	1-230-748-21	s	RES, ADJ, CERMET 2K
RV1201	1-237-520-21	s	RES, ADJ, CERMET 50K
RV1401	1-237-516-21	s	RES, ADJ, CERMET 2K
RV1402	1-237-517-21	s	RES, ADJ, CERMET 5K
RV2001	1-230-748-21	s	RES, ADJ, CERMET 2K
RV2002	1-230-748-21	s	RES, ADJ, CERMET 2K
RV2101	1-237-521-21	s	RES, ADJ, CERMET 100K
RV2102	1-237-521-21	s	RES, ADJ, CERMET 100K
RV2301	1-237-519-21	s	RES, ADJ, CERMET 20K
RV2302	1-237-519-21	s	RES, ADJ, CERMET 20K
RV3001	1-237-518-21	s	RES, ADJ, CERMET 10K
RV3002	1-237-518-21	s	RES, ADJ, CERMET 10K
RV3101	1-237-518-21	s	RES, ADJ, CERMET 10K
RV3102	1-237-518-21	s	RES, ADJ, CERMET 10K
RV3201	1-237-518-21	s	RES, ADJ, CERMET 10K
RV3301	1-237-518-21	s	RES, ADJ, CERMET 10K
SW101	1-570-373-12	s	SWITCH, SLIDE
SW102	1-571-408-11	s	SWITCH, TOGGLE

ASW-8 BOARD

Ref. No.	Parts No.	SP	Description
-	9-994-763-01	o	MOUNTED PCB, ASW-8

(This assembly includes the following parts.)

Ref. No.	Parts No.	SP	Description
-	9-994-765-01	s	CONNECTOR WITH CABLE
C1	1-124-584-51	s	CAP, ELECT 100 20% 10V
C2	1-124-584-51	s	CAP, ELECT 100 20% 10V
C3 to C6	1-101-004-00	s	CAP, ELECT 0.01 50V
C7 to C14	1-124-589-11	s	CAP, ELECT 47 20% 16V
CN840	1-568-539-11	o	CONNECTOR, FLAT CABLE 50P
CN841	1-568-539-11	o	CONNECTOR, FLAT CABLE 50P
CN842	1-506-471-11	s	PIN, CONNECTOR 6P
D1 to D28	8-719-812-41	s	DIODE TLR124
D29 to D122	8-719-911-19	s	DIODE 1SS119
IC1 to IC3	8-759-909-48	s	IC SN74LS641-IN
Q1 to Q5	8-729-900-46	s	TRANSISTOR DTC143TF
Q6 to Q13	8-729-205-95	s	TRANSISTOR 2SA1428-Y
R1 to R16	1-247-697-11	s	RES, CARBON 56 5% 1/4W
R17	1-249-410-11	s	RES, CARBON 270 5% 1/4W
R18	1-249-425-11	s	RES, CARBON 4.7K 5% 1/4W
R19	1-249-410-11	s	RES, CARBON 270 5% 1/4W
R20	1-249-425-11	s	RES, CARBON 4.7K 5% 1/4W
R21	1-249-410-11	s	RES, CARBON 270 5% 1/4W
R22	1-249-425-11	s	RES, CARBON 4.7K 5% 1/4W
R23	1-249-410-11	s	RES, CARBON 270 5% 1/4W
R24	1-249-425-11	s	RES, CARBON 4.7K 5% 1/4W
R25	1-249-410-11	s	RES, CARBON 270 5% 1/4W
R26	1-249-425-11	s	RES, CARBON 4.7K 5% 1/4W
R27	1-249-410-11	s	RES, CARBON 270 5% 1/4W
R28	1-249-425-11	s	RES, CARBON 4.7K 5% 1/4W
R29	1-249-410-11	s	RES, CARBON 270 5% 1/4W
R30	1-249-425-11	s	RES, CARBON 4.7K 5% 1/4W
R31	1-249-410-11	s	RES, CARBON 270 5% 1/4W
R32	1-249-425-11	s	RES, CARBON 4.7K 5% 1/4W
SW1, 14 to 40	1-571-657-11	s	SWITCH, TACTIL (Up to Serial No. 10700)
	1-571-657-21	s	SWITCH, TACTIL (Serial No. 10701 and higher)
SW2 to 7, 9 to 13	1-571-656-11	s	SWITCH, TACTIL (Up to Serial No. 10700)
	1-571-656-21	s	SWITCH, TACTIL (Serial No. 10701 and higher)
SW8	1-571-653-11	s	SWITCH, TACTIL (Up to Serial No. 10700)
	1-571-653-21	s	SWITCH, TACTIL (Serial No. 10701 and higher)
SW41 to 94	1-571-655-11	s	SWITCH, TACTIL (Up to Serial No. 10700)
	1-571-655-21	s	SWITCH, TACTIL (Serial No. 10701 and higher)

ASW-9 BOARD

Ref. No.	Parts No.	SP	Description			
-	9-994-768-01	o	MOUNTED PCB, ASW-9			

(This assembly includes the following parts.)

Ref. No.	Parts No.	SP	Description			
C1	1-124-584-51	s	CAP, ELECT	100	20%	10V
C2	1-124-584-51	s	CAP, ECECT	100	20%	10V
C3 to C6	1-101-004-00	s	CAP, ECECT	0.01		50V
C7 to C14	1-124-589-11	s	CAP, ELECT	47	20%	16V
CN850	1-568-539-11	o	CONNECTOR, FLATCABLE 50P			
CN851	1-508-539-11	o	CONNECTOR, FLATCABLE 50P			
D1 to D24	8-719-812-41	s	DIODE TLR124			
D25 to D96	8-719-911-19	s	DIODE 1SS119			
IC1 to IC3	8-759-909-48	s	IC SN74LS641-1N			
Q1 to Q3	8-729-900-46	s	TRANSISTOR DTC143TF			
Q4 to Q11	8-729-205-95	s	TRANSISTOR 2SA1428-Y			
R1 to R12	7-247-697-11	s	RES,CARBON	56	5%	1/4W
R13	1-249-410-11	s	RES, CARBON	270	5%	1/4W
R14	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
R15	1-249-410-11	s	RES, CARBON	270	5%	1/4W
R16	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
R17	1-249-410-11	s	RES, CARBON	270	5%	1/4W
R18	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
R19	1-249-410-11	s	RES, CARBON	270	5%	1/4W
R20	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
R21	1-249-410-11	s	RES, CARBON	270	5%	1/4W
R22	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
R23	1-249-410-11	s	RES, CARBON	270	5%	1/4W
R24	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
R25	1-249-410-11	s	RES, CARBON	270	5%	1/4W
R26	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
R27	1-249-410-11	s	RES, CARBON	270	5%	1/4W
R28	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
RB1	1-235-195-00	s	RES BLOCK 10K×8			
SW1 to SW24	1-571-657-11	s	SWITCH, TACTIL (Up to Seriai No. 10700)			
	1-571-657-21	s	SWITCH, TACTIL (Serial No. 10701 and higher)			
SW25 to SW72	1-571-655-11	s	SWITCH, TACTIL (Up to Serial No. 10700)			
	1-571-655-21	s	SWITCH, TACTIL (Serial No. 10701 and higher)			

CK-31 BOARD

Ref. No.	Parts No.	SP	Description			
-	A-7850-666-A	o	COMPLETE PCB, CK-31			

(This assembly Includes the following parts.)

Ref. No.	Parts No.	SP	Description			
-	1-563-859-11	s	RECEPTACLE, CONNECOTR 2P			
-	2-355-254-01	s	SPACER (A), LCD			
-	3-703-486-00	s	SCREW +PTTWH 3×5			
-	3-714-634-01	o	LEVER, PC BOARD			
-	7-626-320-11	o	PIN, SPRING 3×8			
-	7-685-546-14	s	SCREW +BTP 3×8 TYPE 2 N-S			
-	9-911-845-99	s	CUSHION (A)			
C1 to C4	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C5	1-136-165-00	s	CAP, FILM	0.1	5%	50V
C6	1-124-443-00	s	CAP, ELECT	100	20%	10V
C7	1-130-491-00	s	CAP, MYLAR	0.047	5%	50V
C8	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C9	1-130-493-00	s	CAP, MYLAR	0.068	5%	50V
C10	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C11	1-130-483-00	s	CAP, MYLAR	0.01	5%	50V
C12	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C13	1-124-472-11	s	CAP, ELECT	470	20%	10V
C14	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C15	1-124-472-11	s	CAP, ELECT	470	20%	10V
C16	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C17	1-124-472-11	s	CAP, ELECT	470	20%	10V
C18 to C21	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C22	1-124-472-11	s	CAP, ELECT	470	20%	10V
C23	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C24	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C25	1-124-119-00	s	CAP, ELECT	330	20%	16V
C26	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C27	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C28	1-126-101-11	s	CAP, ELECT	100	20%	16V
C29	1-126-101-11	s	CAP, ELECT	100	20%	16V
C30	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C31	1-126-101-11	s	CAP, ELECT	100	20%	16V
C32	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C33	1-102-074-00	s	CAP, CERAMIC	0.001	10%	50V
C34	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C35	1-126-101-11	s	CAP, ELECT	100	20%	16V
C36	1-102-951-00	s	CAP, CERAMIC	15P	5%	50V
C37	1-102-959-00	s	CAP, CERAMIC	22P	5%	50V
C38	1-136-167-00	s	CAP, FILM	0.15	5%	50V
C39	1-124-443-00	s	CAP, ELECT	100	20%	10V
C40	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C41	1-102-121-00	s	CAP, CERAMIC	0.0022	10%	50V
C42	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C43	1-126-101-11	s	CAP, ELECT	100	20%	16V
C44	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C45	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C46	1-124-473-11	s	CAP, ELECT	1000	20%	10V

Ref. No.	Parts No.	SP	Description			
C47	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C48	1-102-973-00	s	CAP, CERAMIC	100P	5%	50V
C49	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C50	1-102-973-00	s	CAP, CERAMIC	100P	5%	50V
C51	1-102-973-00	s	CAP, CERAMIC	100P	5%	50V
C52	1-102-820-00	s	CAP, CERAMIC	330P	5%	50V
C53	1-102-518-11	s	CAP, CERAMIC	33P	5%	50V
C54	1-102-518-11	s	CAP, CERAMIC	33P	5%	50V
C55	1-102-820-00	s	CAP, CERAMIC	330P	5%	50V
C56	1-102-518-11	s	CAP, CERAMIC	33P	5%	50V
C57	1-102-820-00	s	CAP, CERAMIC	330P	5%	50V
C58 to C61	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C62	1-104-302-11	s	POLYSTYRENE	0.001	5%	50V
C63	1-136-165-00	s	CAP, FILM	0.1	5%	50V
C64	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C65	1-124-477-11	s	CAP, ELECT	47	20%	25V
C66	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C67	1-104-290-11	s	POLYSTYRENE	330P	5%	50V
C68	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C69	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C70	1-136-165-00	s	CAP, FILM	0.1	5%	50V
C71	1-124-477-11	s	CAP, ELECT	47	20%	25V
C72	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C73	1-136-165-00	s	CAP, FILM	0.1	5%	50V
C74	1-101-880-00	s	CAP, CERAMIC	47P	5%	50V
C75	1-162-176-00	s	CAP, CERAMIC	1.5		25V
C76	1-162-176-00	s	CAP, CERAMIC	1.5		25V
C77	1-130-469-00	s	CAP, MYLAR	680P	5%	50V
C78	1-130-471-00	s	CAP, FILM	0.001	5%	50V
C79	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C80	1-124-477-11	s	CAP, ELECT	47	20%	25V
C81	1-124-477-11	s	CAP, ELECT	47	20%	25V
C82	1-136-165-00	s	CAP, FILM	0.1	5%	50V
C83	1-101-880-00	s	CAP, CERAMIC	47P	5%	50V
C84	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C85	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C86	1-130-473-00	s	CAP, MYLAR	0.0015	5%	50V
C87	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C88	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C91	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C92	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C93	1-101-880-00	s	CAP, CERAMIC	47P	5%	50V
C94	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C95	1-124-477-11	s	CAP, ELECT	47	20%	25V
C96	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C97	1-124-477-11	s	CAP, ELECT	47	20%	25V
C98	1-102-074-00	s	CAP, CERAMIC	0.001	10%	50V
C99	1-102-074-00	s	CAP, CERAMIC	0.001	10%	50V
C100	1-162-176-00	s	CAP, CERAMIC	1.5		25V
C101 to C106	1-101-884-00	s	CAP, CERAMIC	56P	5%	50V

Ref. No.	Parts No.	SP	Description			
C107	1-124-477-11	s	CAP, ELECT	47	20%	25V
C108	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C109	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C110	1-162-176-00	s	CAP, CERAMIC	1.5		25V
C111	1-102-074-00	s	CAP, CERAMIC	0.001	10%	50V
C112	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C113	1-162-176-00	s	CAP, CERAMIC	1.5		25V
C114	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C115	1-162-176-00	s	CAP, CERAMIC	1.5		25V
C116	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C117	1-124-477-11	s	CAP, ELECT	47	20%	25V
C118	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C119	1-124-480-11	s	CAP, ELECT	470	20%	25C
C120	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C121	1-124-119-00	s	CAP, ELECT	330	20%	16V
C122	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C123	1-124-480-11	s	CAP, ELECT	470	20%	25V
C124	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C125	1-124-119-00	s	CAP, ELECT	330	20%	16V
C126	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C127	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C129 to C161	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C163 to C176	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C178	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C180 to C185	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C188 to C190	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C192	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C196 to C204	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C207 to C280	1-101-004-00	s	CAP, CERAMIC	0.01		50V
CN1	1-565-207-21	s	CONNECTOR, DIN (MALE) 128P			
CN2	1-565-207-21	s	CONNECTOR, DIN (MALE) 128P			
CXO1	1-577-156-11	s	OSCILLATOR, CRYSTAL			
D1 to D8	8-719-812-43	s	DIODE TLG124A			
D9	8-719-812-44	s	DIODE TL0124			
D10	8-719-812-44	s	DIODE TL0124			
D11	8-719-101-98	s	DIODE 1SS97-0			
D12	8-719-101-98	s	DIODE 1SS97-0			
D13	8-719-101-98	s	DIODE 1SS97-0			
D14 to D17	8-719-907-19	s	DIODE FC52M-5			
D18	8-719-911-19	s	DIODE 1SS119			
D19	8-719-911-19	s	DIODE 1SS119			
D20	8-719-109-85	s	DIODE RD5.1ES-B2			

Ref. No.	Parts No.	SP	Description
D21	8-719-109-81	s	DIODE RD4.7ES-B2
D22	8-719-110-02	s	DIODE RD7.5ES-B1
D23	8-719-800-30	s	DIODE 1SS227
D24	8-719-800-30	s	DIODE 1SS227
D25	8-719-911-19	s	DIODE 1SS119
D26	8-719-800-30	s	DIODE 1SS227
D27	8-719-800-30	s	DIODE 1SS227
D28	8-719-800-30	s	DIODE 1SS227
D29	8-719-109-54	s	DIODE RD2.2ES-B2
D30	8-719-800-30	s	DIODE 1SS227
D31	8-719-200-02	s	DIODE 10E2
D32	8-719-200-02	s	DIODE 10E2
IC1	8-759-982-23	s	IC RC78L08A
IC2	8-759-982-21	s	IC RC78L05A
IC3	8-759-107-45	s	IC UPA54HA
IC4	8-759-107-46	s	IC UPA64HA
IC5	8-759-982-23	s	IC RC78L08A
IC6	8-759-982-46	s	IC RC79L08A
IC7	8-759-982-13	s	IC RC7812FA
IC8	8-759-929-65	s	IC LM7912CT
IC9	8-759-107-46	s	IC UPA64HA
IC10	8-759-107-45	s	IC UPA54HA
IC11	8-759-107-46	s	IC UPA64HA
IC12	8-759-107-45	s	IC UPA54HA
ICA1	8-759-921-08	s	IC SN74HC02AN
ICA2	8-752-304-30	s	IC CX23043
ICA3	8-752-304-30	s	IC CX23043
ICA4	8-752-304-30	s	IC CX23043
ICA5	8-752-932-23	s	IC TLC272CP
ICA11	8-759-946-36	s	IC SN74ALS163BN
ICA12	8-759-946-64	s	IC SN74ALS04BN
ICA13	8-752-304-30	s	IC CX23043
ICB1	8-759-916-12	s	IC SN74HC00AN
ICB2	8-759-921-19	s	IC SN74HC161AN
ICB3	8-759-946-64	s	IC SN74ALS04BN
ICB4	8-759-916-29	s	IC SN74HC74AN
ICB5	8-759-906-71	s	IC 74F175PC
ICB6	8-752-306-51	s	IC CX23065A
ICB7	8-759-916-16	s	IC SN74HC08AN
ICB8	8-759-916-25	s	IC SN74HC32AN
ICB9	8-759-916-19	s	IC SN74HC11AN
ICB11	8-759-935-39	s	IC SN74AS163N
ICB12	8-759-935-39	s	IC SN74AS163N
ICB13	8-759-935-39	s	IC SN74AS163N
ICB14	8-759-935-22	s	IC SN74AS30N
ICB15	8-759-001-90	s	IC MC74F74N
ICC1	8-759-916-14	s	IC SN74HC04AN
ICC2	8-759-916-14	s	IC SN74HC04AN
ICC3	8-759-916-16	s	IC SN74HC08AN
ICC4	8-759-239-47	s	IC TC74HC123AP
ICC5	8-759-916-29	s	IC SN74HC74AN

Ref. No.	Parts No.	SP	Description
ICC6	8-759-002-00	s	IC MC74F153N
ICC7	8-759-904-80	s	IC 74F04PC
ICC8	8-759-916-50	s	IC SN74HC157AN
ICC9	8-759-916-12	s	IC SN74HC00AN
ICC11	8-759-921-19	s	IC SN74HC161AN
ICC12	8-759-936-54	s	IC SN74ALS175N
ICC13	8-759-040-44	s	IC MC4044P
ICC15	8-759-917-18	s	IC SN74HCU04AN
ICD1	8-759-916-46	s	IC SN74HC139AN
ICD4	8-759-239-47	s	IC TC74HC123AP
ICD5	8-759-916-29	s	IC SN74HC74AN
ICD6	8-759-916-14	s	IC SN74HC04AN
ICD7	8-759-916-29	s	IC SN74HC74AN
ICD8	8-759-904-26	s	IC SN74ALS08N
ICD9	8-759-904-49	s	IC SN74ALS112AN
ICD11	8-759-921-08	s	IC SN74HC02AN
ICD12	8-759-916-29	s	IC SN74HC74AN
ICD13	8-759-932-23	s	IC TLC272CP
ICE1	8-759-001-33	s	IC MC74HC158N
ICE2	8-759-916-50	s	IC SN74HC157AN
ICE5	8-759-220-00	s	IC TC40H000P
ICE7	8-759-220-00	s	IC TC40H000P
ICE9	8-759-916-18	s	IC SN74HC10AN
ICE10	8-759-203-39	s	IC TC74HC1390P
ICE12	8-759-916-12	s	IC SN74HC00AN
ICE15	8-759-202-91	s	IC TC74H148P
ICF1	8-759-001-33	s	IC MC74HC158N
ICF5	8-759-503-91	s	IC TL082ACP
ICF9	8-759-921-21	s	IC SN74HC163AN
ICF10	8-759-921-21	s	IC SN74HC163AN
ICF13	8-759-901-63	s	IC SN74LS163AN
ICF14	8-759-901-63	s	IC SN74LS163AN
ICF15	8-759-901-63	s	IC SN74LS163AN
ICG5	8-759-503-91	s	IC TL082ACP
ICG7	8-759-990-84	s	IC TL084CN
ICG8	8-759-916-29	s	IC SN74HC74AN
ICG9	8-759-785-55	s	IC 18S030-VPLLC
ICG13	8-759-916-48	s	IC SN74HC151AN
ICG14	8-759-935-39	s	IC SN74AS163N
ICG15	8-759-901-63	s	IC SN74AS163N
ICH1	8-759-916-50	s	IC SN74HC157AN
ICH2	8-759-916-50	s	IC SN74HC157AN
ICH6	8-759-916-14	s	IC SN74HC04AN
ICH7	8-759-239-47	s	IC TC74HC123AP
ICH8	8-759-239-47	s	IC SN74HC123AP
ICH9	8-759-916-29	s	IC SN74HC74AN
ICH12	8-759-935-26	s	IC SN74AS74N
ICH13	8-759-904-80	s	IC 74F04PC
ICH14	8-759-935-19	s	IC SN74AS20N
ICH15	8-759-935-39	s	IC SN74AS163N

Ref. No.	Parts No.	SP	Description
ICJ1	8-759-917-06	s	IC SN74HC574AN
ICJ2	8-759-916-25	s	IC SN74HC32AN
ICJ3	8-759-916-25	s	IC SN74HC32AN
ICJ4	8-759-916-55	s	IC TC74HC175AN
ICJ5	8-759-239-47	s	IC TC74HC123AP
ICJ6	8-759-921-21	s	IC SN74HC163AN
ICJ8	8-759-785-47	s	IC 28L22-VDET
ICJ9	8-759-916-97	s	IC SN74HCT374AN
ICJ10	8-759-916-01	s	IC SN74ALS153N
ICJ12	8-759-935-39	s	IC SN74AS163N
ICJ13	8-759-946-64	s	IC SN74ALS04BN
ICJ14	8-759-935-39	s	IC SN74AS163N
ICJ15	8-759-935-39	s	IC SN74AS163N
ICK3	8-759-917-43	s	IC SN74HC138AN
ICK4	8-759-916-29	s	IC SN74HC74AN
ICK5	8-759-916-12	s	IC SN74HC00AN
ICK6	8-759-201-29	s	IC TC9122P
ICK8	8-759-916-12	s	IC SN74HC00AN
ICK10	8-759-921-17	s	IC SN74HC153AN
ICK11	8-759-935-13	s	IC SN74AS00N
ICK12	8-759-935-14	s	IC SN74AS02N
ICK13	8-759-935-26	s	IC SN74AS74N
ICK14	8-759-935-39	s	IC SN74AS163N
ICK15	8-759-935-39	s	IC SN74AS163N
ICL1	8-759-107-53	s	IC CXQ71055P
ICL3	8-759-916-29	s	IC SN74HC74AN
ICL4	8-759-916-29	s	IC SN74HC74AN
ICL5	8-759-951-07	s	IC SN75107AN
ICL7	8-759-103-92	s	IC UPC318C
ICL9	8-759-103-92	s	IC UPC318C
ICL11	8-759-900-69	s	IC SN74ALS74AN
ICL12	8-759-935-16	s	IC SN74AS08N
ICL13	8-759-904-88	s	IC 74F534PC
ICL14	8-759-935-43	s	IC SN74AS175N
ICL15	8-759-904-87	s	IC 74F374PC
ICM3	8-759-916-29	s	IC SN74HC74AN
ICM4	8-759-916-21	s	IC SN74HC20AN
ICM7	8-759-990-84	s	IC TL084CN
ICM11	8-759-925-08	s	IC SN74ALS174N
ICM12	8-759-900-69	s	IC SN74ALS74AN
ICM14	8-759-942-38	s	IC SN75ALS192N
ICM15	8-759-926-31	s	IC AM26LS31PC
ICN1	8-752-806-91	s	IC CXQ71054P
ICN3	8-759-921-08	s	IC SN74HC02AN
ICN4	8-759-916-15	s	IC SN74HC05N
ICN5	8-759-239-47	s	IC TC74HC123AP
ICN6	8-759-904-77	s	IC AM26LS32ACN

Ref. No.	Parts No.	SP	Description
ICN10	8-759-916-45	s	IC SN74HCT138N
ICN11	8-759-006-22	s	IC SN74LS283N
ICN12	8-759-989-69	s	IC SN74LS86AN
ICN13	8-759-926-31	s	IC AM26LS31PC
ICN14	8-759-926-31	s	IC AM26LS31PC
ICN15	8-759-942-38	s	IC SN75ALS192N
ICP1	8-759-917-05	s	IC SN74HC541AN
ICP2	8-759-917-06	s	IC SN74HC574AN
ICP3	8-759-917-05	s	IC SN74HC541AN
ICP4	8-759-917-05	s	IC SN74HC541AN
ICP5	8-759-239-47	s	IC TC74HC123AP
ICP7	8-759-900-61	s	IC LM361N
ICP10	8-759-916-99	s	IC SN74HC378N
ICP11	8-759-917-05	s	IC SN74HC541AN
ICP12	8-759-926-31	s	IC AM26LS31PC
ICQ3	8-759-921-34	s	IC SN74HC245AN
ICQ10	8-759-916-99	s	IC SN74HC378N
ICQ12	8-759-925-28	s	IC SN74AS1804N
JR1	1-566-388-11	o	PIN, CONNECTOR 8P
L1 to L10	1-408-417-00	s	INDUCTOR 47UH
L11	1-409-309-00	s	COIL, SN 72UH
L12	1-409-309-00	s	COIL, SN 72UH
L13	1-409-309-00	s	COIL, SN 72UH
Q1	8-729-900-61	s	TRANSISTOR DTA114ES
Q2	8-729-900-61	s	TRANSISTOR DTA114ES
Q3	8-729-900-61	s	TRANSISTOR DTA114ES
Q4	8-729-200-56	s	TRANSISTOR 2SK241-GR
Q5	8-729-200-56	s	TRANSISTOR 2SK241-GR
Q6 to Q10	8-729-207-36	s	TRANSISTOR 2SJ105
Q11	8-729-281-53	s	TRRNSISTOR 2SC1815-GR
Q12	8-729-201-53	s	TRANSISTOR 2SA1015-GR
Q13	8-729-600-24	s	TRANSISTOR 2SC403SP-51
Q14	8-729-600-24	s	TRANSISTOR 2SC403SP-51
Q15	8-729-600-24	s	TRANSISTOR 2SC403SP-51
R1 to R10	1-249-411-11	s	RES, CARBON 330 5% 1/4W
R11	1-249-421-11	s	RES, CARBON 2.2K 5% 1/4W
R12	1-249-421-11	s	RES, CARBON 2.2K 5% 1/4W
R13	1-249-421-11	s	RES, CARBON 2.2K 5% 1/4W
R14	1-215-437-00	s	RES, METAL 4.7K 1% 1/4W
R15	1-215-469-00	s	RES, METAL 100K 1% 1/4W
R16	1-215-437-00	s	RES, METAL 4.7K 1% 1/4W
R17	1-215-421-00	s	RES, METAL 1K 1% 1/4W
R18	1-215-421-00	s	RES, METAL 1K 1% 1/4W
R19	1-215-461-00	s	RES, METAL 47K 1% 1/4W

Ref. No.	Parts No.	SP	Description			
R20	1-215-439-00	s	RES, METAL	5.6K	1%	1/4W
R21	1-249-421-11	s	RES, CARBON	2.2K	5%	1/4W
R22	1-249-421-11	s	RES, CARBON	2.2K	5%	1/4W
R23	1-249-411-11	s	RES, CARBON	330	5%	1/4W
R24	1-249-441-11	s	RES, CARBON	100K	5%	1/4W
R25	1-249-441-11	s	RES, CARBON	100K	5%	1/4W
R26	1-215-439-00	s	RES, METAL	5.6K	1%	1/4W
R27	1-215-439-00	s	RES, METAL	5.6K	1%	1/4W
R28	1-215-421-00	s	RES, METAL	1K	1%	1/4W
R29	1-215-441-00	s	RES, METAL	6.8K	1%	1/4W
R30	1-215-421-00	s	RES, METAL	1K	1%	1/4W
R31	1-215-433-00	s	RES, METAL	3.3K	1%	1/4W
R32	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R33	1-249-423-11	s	RES, CARBON	3.3K	5%	1/4W
R34	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
R35	1-249-423-11	s	RES, CARBON	3.3K	5%	1/4W
R36	1-249-423-11	s	RES, CARBON	3.3K	5%	1/4W
R37	1-202-463-00	s	RES, SOLID	2.2M	5%	1/4W
R38	1-215-463-00	s	RES, METAL	56K	1%	1/4W
R39	1-202-463-00	s	RES, CARBON	2.2M	5%	1/4W
R40	1-215-463-00	s	RES, METAL	56K	1%	1/4W
R41	1-202-463-00	s	RES, CARBON	2.2M	5%	1/4W
R42	1-215-463-00	s	RES, METAL	56K	1%	1/4W
R43	1-215-439-00	s	RES, METAL	5.6K	1%	1/4W
R44	1-215-439-00	s	RES, METAL	5.6K	1%	1/4W
R45	1-215-445-00	s	RES, METAL	10K	1%	1/4W
R46	1-249-405-11	s	RES, CARBON	100	5%	1/4W
R47	1-215-445-00	s	RES, METAL	10K	1%	1/4W
R48	1-215-445-00	s	RES, METAL	10K	1%	1/4W
R49	1-215-445-00	s	RES, METAL	10K	1%	1/4W
R50	1-215-441-00	s	RES, METAL	6.8K	1%	1/4W
R51	1-215-445-00	s	RES, METAL	10K	1%	1/4W
R52	1-215-391-00	s	RES, METAL	56	1%	1/4W
R53	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R54	1-249-414-11	s	RES, CARBON	560	5%	1/4W
R55	1-215-447-00	s	RES, METAL	12K	1%	1/4W
R59	1-215-445-00	s	RES, METAL	10K	1%	1/4W
R60	1-215-447-00	s	RES, METAL	12K	1%	1/4W
R61	1-215-447-00	s	RES, METAL	12K	1%	1/4W
R62	1-215-442-00	s	RES, METAL	7.5K	1%	1/4W
R63	1-247-895-00	s	RES, CARBON	470K	5%	1/4W
R64	1-247-887-00	s	RES, CARBON	220K	5%	1/4W
R65	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R66	1-215-460-00	s	RES, METAL	43K	5%	1/4W
R67	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R68	1 249-429-11	s	RES, CARBON	10K	5%	1/4W
R69	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R70	1-249-421-11	s	RES, CARBON	2.2K	5%	1/4W
R71	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R72	1-249-409-11	s	RES, CARBON	220	5%	1/4W

Ref. No.	Parts No.	SP	Description			
R73	1-249-409-11	s	RES, CARBON	220	5%	1/4W
R74	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
R75	1-249-441-11	s	RES, CARBON	100K	5%	1/4W
R76	1-215-433-00	s	RES, METAL	3.3K	1%	1/4W
R77	1-215-428-00	s	RES, METAL	2K	1%	1/4W
R78	1-215-438-00	s	RES, METAL	5.1K	1%	1/4W
R79	1-247-903-00	s	RES, CARBON	1M	5%	1/4W
R80	1-215-482-00	s	RES, METAL	360K	1%	1/4W
R81	1-215-452-00	s	RES, METAL	20K	1%	1/4W
R82	1-215-452-00	s	RES, METAL	20K	1%	1/4W
R83	1-215-438-00	s	RES, METAL	5.1K	1%	1/4W
R84	1-215-428-00	s	RES, METAL	2K	1%	1/4W
R85	1-215-428-00	s	RES, METAL	2K	1%	1/4W
R86	1-215-431-00	s	RES, METAL	2.7K	1%	1/4W
R87	1-215-452-00	s	RES, METAL	20K	1%	1/4W
R88	1-215-445-00	s	RES, METAL	10K	1%	1/4W
R89	1-215-483-00	s	RES, METAL	390K	1%	1/4W
R91	1-215-469-00	s	RES, METAL	100K	1%	1/4W
R92	1-215-407-00	s	RES, METAL	270	1%	1/4W
R93	1-215-425-00	s	RES, METAL	1.5K	1%	1/4W
R94	1-249-405-11	s	RES, CARBON	100	5%	1/4W
R95	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
R96	1-215-445-00	s	RES, METAL	10K	1%	1/4W
R97	1-249-405-11	s	RES, CARBON	100	5%	1/4W
R98	1-215-409-00	s	RES, METAL	330	1%	1/4W
R99	1-215-431-00	s	RES, METAL	2.7K	1%	1/4W
R100	1-215-423-00	s	RES, METAL	1.2K	1%	1/4W
R101	1-215-431-00	s	RES, METAL	2.7K	1%	1/4W
R102	1-249-413-11	s	RES, CARBON	470	5%	1/4W
R103	1-249-433-11	s	RES, CARBON	22K	5%	1/4W
R104	1-249-441-11	s	RES, CARBON	100K	5%	1/4W
R105	1-249-441-11	s	RES, CARBON	100K	5%	1/4W
R106	1-249-423-11	s	RES, CARBON	3.3K	5%	1/4W
R107	1-249-418-11	s	RES, CARBON	1.2K	5%	1/4W
R108 to R114	1-249-393-11	s	RES, CARBON	10	5%	1/4W
R115	1-249-417-11	s	RES, CARBON	1K	5%	1/4W
R116	1-249-393-11	s	RES, CARBON	10	5%	1/4W
R117	1-249-409-11	s	RES, CARBON	220	5%	1/4W
R118	1-249-409-11	s	RES, CARBON	220	5%	1/4W
R119	1-249-409-11	s	RES, CARBON	220	5%	1/4W
R120	1-249-441-11	s	RES, CARBON	100K	5%	1/4W
R121	1-249-410-11	s	RES, CARBON	270	5%	1/4W
R122	1-249-422-11	s	RES, CARBON	2.7K	5%	1/4W
R123	1-249-422-11	s	RES, CARBON	2.7K	5%	1/4W
R124	1-249-393-11	s	RES, CARBON	10	5%	1/4W
R125	1-249-417-11	s	RES, CARBON	1K	5%	1/4W
R126	1-249-393-11	s	RES, CARBON	10	5%	1/4W
R127	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R128	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R129 to R 136	1-249-405-11	s	RES, CARBON	100	5%	1/4W

Ref. No.	Parts No.	SP	Description
R139 to R142	1-249-405-11	s	RES, CARBON 100 5% 1/4W
R143 to R146	1-249-404-00	s	RES, CARBON 82 5% 1/4W
R154	1-249-407-11	s	RES, CARBON 150 5% 1/4W
R155	1-249-407-11	s	RES, CARBON 150 5% 1/4W
R165	1-249-405-11	s	RES, CARBON 100 5% 1/4W
R166	1-249-405-11	s	RES, CARBON 100 5% 1/4W
R167	1-249-405-11	s	RES, CARBON 100 5% 1/4W
R168 to R171	1-249-404-00	s	RES, CARBON 82 5% 1/4W
R172	1-249-407-11	s	RES, CARBON 150 5% 1/4W
R173	1-249-407-11	s	RES, CARBON 150 5% 1/4W
R174	1-249-404-00	s	RES, CARBON 82 5% 1/4W
R175	1-249-404-00	s	RES, CARBON 82 5% 1/4W
R178 to R181	1-249-403-11	s	RES, CARBON 68 5% 1/4W
R182	1-249-404-00	s	RES, CARBON 82 5% 1/4W
R183	1-249-406-11	s	RES, CARBON 120 5% 1/4W
R184	1-249-406-11	s	RES, CARBON 120 5% 1/4W
R185	1-249-404-00	s	RES, CARBON 82 5% 1/4W
R186	1-249-404-00	s	RES, CARBON 82 5% 1/4W
R187	1-249-405-11	s	RES, CARBON 100 5% 1/4W
R188 to R191	1-249-406-11	s	RES, CARBON 120 5% 1/4W
R194	1-249-404-00	s	RES, CARBON 82 5% 1/4W
R195	1-249-403-11	s	RES, CARBON 68 5% 1/4W
R196	1-249-403-11	s	RES, CARBON 68 5% 1/4W
R201 to R207	1-249-403-11	s	RES, CARBON 68 5% 1/4W
R208	1-249-406-11	s	RES, CARBON 120 5% 1/4W
R209	1-249-406-11	s	RES, CARBON 120 5% 1/4W
R210	1-249-403-11	s	RES, CARBON 68 5% 1/4W
R221	1-249-417-11	s	RES, CARBON 1K 5% 1/4W
R231	1-249-425-11	s	RES, CARBON 4.7K 5% 1/4W
R232	1-249-425-11	s	RES, CARBON 4.7K 5% 1/4W
RB1	1-231-533-00	s	RES BLOCK 10K×4
RB2 to RB11	1-235-195-00	s	RES BLOCK 10K×8
RB12	1-231-533-00	s	RESISTOR BLOCK 10K×4
RB13	1-231-533-00	s	RESISTOR BLOCK 10K×4
RB14 to RB17	1-235-195-00	s	RES BLOCK 10K×8
RV1	1-230-753-11	s	RES, ADJ, CERMET 100K
RV2	1-230-753-11	s	RES, ADJ, CERMET 100K
RV3	1-230-753-11	s	RES, ADJ, CERMET 100K
SW1	1-571-408-11	s	SWITCH, TOGGLE
SW2	1-571-408-11	s	SWITCH, TOGGLE
SW3	1-570-373-12	s	SWITCH, SLIDE
SW4	1-570-373-12	s	SWITCH, SLIDE
SW5	1-570-623-11	s	SWITCH, DIP
SW6	1-570-623-11	s	SWITCH, DIP
SW7	1-554-080-00	s	SWITCH, ROTARY
SW8	1-554-080-00	s	SWITCH, ROTARY
SW9	1-570-623-11	s	SWITCH, DIP
SW10	1-570-623-11	s	SWITCH, DIP
SW11	1-570-623-11	s	SWITCH, DIP
T1	1-426-377-11	s	TRANSFORMER, HIGH-FREQUENCY
VXO1	1-577-595-11	s	OSCILLATOR, CRYSTAL
VXO2	1-577-593-11	s	OSCILLATOR, CRYSTAL
VXO3	1 577-592-11	s	OSCILLATOR, CRYSTAL
X1	1-567-851-11	s	VIBRATOR, CRYSTAL
X2	1-567-852-11	s	VIBRATOR, CRYSTAL
X3	1-567-853-11	s	VIBRATOR, CRYSTAL

CN-247 BOARD

Ref. No.	Parts No.	SP	Description
-	1-627-128-11	o	PC BOARD, CN-247
CN860	1-942-114-11	o	HARNESS, CN
CN861	1-566-444-11	o	PIN, D-SUB CONNECTOR 50P
SW1	1-516-923-21	s	SWITCH
SW2	1-516-925-21	s	SWITCH, DIP

CN-250 BOARD

Ref. No.	Parts No.	SP	Description
-	1-627-321-12	o	PC BOARD, CN-250
CN637	1-564-005-00	o	PIN, CONNECTOR 6P
CN638	1-564-005-00	o	PIN, CONNECTOR 6P
CN665	1-565-686-11	o	HEADER, STRAIGHT 40P
CN666	1-565-686-11	o	HEADER, STRAIGHT 40P

CRF-1 BOARD

Ref. No.	Parts No.	SP	Description
-	1-627-103-11	o	PC BOARD, CRF-1
-	7-621-772-40	s	SCREW +B 2×8
-	7-622-205-05	s	NUT M2 TYPE2
CN281	1-506-469-11	o	PIN, CONNECTOR 4P
MR1	1-808-462-11	s	RESISTOR ELEMENT

Ref. No.	Parts No.	SP	Description			
CS-24 BOARD						
-	A-7850-640-A	o	COMPLETE PCB, CS-24			
(This assembly includes the following parts.)						
-	2-251-622-11	s	LEVER, PC BOARD			
-	7-682-548-09	s	SCREW +B 3×8			
-	7-684-023-04	s	N 3, TYPE 2			
-	7-685-546-14	s	SCREW +BTP 3×8			
C101	1-124-119-00	s	CAP, ELECT	330	20%	16V
C102	1-124-119-00	s	CAP, ELECT	330	20%	16V
C103	1-136-165-00	s	CAP, FILM	0.1	5%	50V
C104 to C109	1-123-485-91	s	CAP, ELECT	330	20%	35V
C110	1-136-165-00	s	CAP, FILM	0.1	5%	50V
C111	1-136-165-00	s	CAP, FILM	0.1	5%	50V
C112	1-136-165-00	s	CAP, FILM	0.1	5%	50V
C113	1-126-160-11	s	CAP, ELECT	1	20%	50V
C114	1-126-160-11	s	CAP, ELECT	1	20%	50V
C115	1-136-165-00	s	CAP, FILM	0.1	5%	50V
C116	1-136-165-00	s	CAP, FILM	0.1	5%	50V
C117	1-126-160-11	s	CAP, ELECT	1	20%	50V
C118	1-126-160-11	s	CAP, ELECT	1	20%	50V
C119	1-136-165-00	s	CAP, FILM	0.1	5%	50V
C120	1-136-165-00	s	CAP, FILM	0.1	5%	50V
C121	1-136-157-00	s	CAP, FILM	0.022	5%	50V
C122	1-136-157-00	s	CAP, FILM	0.022	5%	50V
C123	1-123-485-91	s	CAP, ELECT	330	20%	35V
C124	1-124-119-00	s	CAP, ELECT	330	20%	16V
C125 to C167	1-101-004-60	s	CAP, CERAMIC	0.01		50V
C170 to C176	1-101-004-60	s	CAP, CERAMIC	0.01		50V
C201	1-124-768-11	s	CAP, ELECT	4.7 (NONPOLAR)	20%	50V
C202	1-130-471-00	s	CAP, MYLAR	0.001	5%	50V
C204	1-136-154-00	s	CAP, FILM	0.012	5%	50V
C205	1-136-165-00	s	CAP, FILM	0.1	5%	50V
C206	1-136-165-00	s	CAP, FILM	0.1	5%	50V
C207	1-136-165-00	s	CAP, FILM	0.1	5%	50V
C208	1-136-167-00	s	CAP, FILM	0.15	5%	50V
C209	1-136-177-00	s	CAP, FILM	1	5%	50V
C210	1-130-471-00	s	CAP, MYLAR	0.001	5%	50V
C211	1-136-163-00	s	CAP, FILM	0.068	5%	50V
C214 to C232	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C301	1-136-173-00	s	CAP, FILM	0.47	5%	50V
C302	1-126-157-11	s	CAP, ELECT	10	20%	16V
C303	1-126-101-11	s	CAP, ELECT	100	20%	16V
C304	1-126-101-11	s	CAP, ELECT	100	20%	16V
C305	1-136-165-00	s	CAP, FILM	0.1	5%	50V
C306	1-126-160-11	s	CAP, ELECT	1	20%	50V
C307 to C312	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C314 to C318	1-101-004-00	s	CAP, CERAMIC	0.01		50V

Ref. No.	Parts No.	SP	Description
CN1	1-565-207-21	s	CONNECTOR 4, DIN (MALE) 128P
D101	8-719-911-19	s	DIODE 1SS119
D102	8-719-911-19	s	DIODE 1SS119
D103	8-719-911-19	s	DIODE 1SS119
D104	8-719-812-41	s	DIODE TLR124
D105	8-719-938-68	s	DIODE GL3HY8
D106	8-719-938-68	s	DIODE GL3HY8
D107 to D115	8-719-812-43	s	DIODE TLG124A
D116	8-719-938-68	s	DIODE GL3HY8
D117	8-719-938-68	s	DIODE GL3HY8
D118	8-719-812-41	s	DIODE TLR124
D201	8-719-109-51	s	DIODE RD2.0ES-B2
D202	8-719-109-51	s	DIODE RD2.0ES-B2
D203	8-719-109-51	s	DIODE RD2.0ES-B2
D204	8-719-911-19	s	DIODE 1SS119
D205	8-719-109-51	s	DIODE RD2.0ES-B2
D301 to D306	8-719-200-77	s	DIODE 10E2N
D307	8-719-981-01	s	DIODE ERA81-004
D308	8-719-980-78	s	DIODE ERA83-006
D309	8-719-910-25	s	DIODE HZ12B2L
D310	8-719-910-25	s	DIODE HZ12B2L
D311	8-719-910-25	s	DIODE HZ12B2L
D312	8-719-300-33	s	DIODE RU-3AM
D313	8-719-935-42	s	DIODE HZS6C1LTD
D314	8-719-300-33	s	DIODE RU-3AM
IC101	8-759-917-05	s	IC SN74HC541AN
IC102	8-759-904-77	s	IC AM26LS32ACN
IC103	8-759-904-84	s	IC 74F74PC
IC104	8-759-904-81	s	IC 74F08PC
IC105	8-759-915-41	s	IC 74F02PC
IC106	8-759-917-60	s	IC 74F169PC
IC107	8-759-917-60	s	IC 74F169PC
IC108	8-759-921-21	s	IC SN74HC163AN
IC109	8-759-921-21	s	IC SN74HC163AN
IC110	8-759-921-21	s	IC SN74HC163AN
IC111	8-759-916-12	s	IC SN74HC00AN
IC112	8-759-916-19	s	IC SN74HC11AN
IC113	8-759-006-22	s	IC SN74LS283N
IC114	8-759-006-22	s	IC SN74LS283N
IC115	8-759-006-22	s	IC SN74LS283N
IC116	8-759-904-83	s	IC 74F32PC
IC117 to IC120	8-759-903-78	s	IC SN74LS378N
IC121	8-759-900-38	s	IC SN74LS38N
IC122	8-759-916-29	s	IC SN74HC74AN
IC123	8-759-916-29	s	IC SN74HC74AN

Ref. No.	Parts No.	SP	Description
IC124	8-759-921-21	s	IC SN74HC163AN
IC125	8-759-921-21	s	IC SN74HC163AN
IC126	8-759-921-21	s	IC SN74HC163AN
IC127	8-759-904-81	s	IC 74F08PC
IC128	8-759-917-60	s	IC 74F169PC
to IC131			
IC132	8-759-903-78	s	IC SN74LS378N
IC133	8-759-903-77	s	IC SN74LS377N
IC134	8-759-924-25	s	IC PCM54HP
IC135	8-759-924-25	s	IC PCM54HP
IC136	8-759-921-10	s	IC SN74HC86AN
IC137	8-759-921-10	s	IC SN74HC86AN
IC138	8-759-503-91	s	IC TL082ACP
IC139	8-759-901-37	s	IC SN74LS137N
IC140	8-759-901-37	s	IC SN74LS137N
IC141	8-759-916-12	s	IC SN74HC00AN
IC142	8-759-906-69	s	IC SN74LS669N
IC143	8-759-921-10	s	IC SN74HC86AN
IC144	8-759-916-50	s	IC SN74HC157AN
IC145	8-719-945-60	s	PC827
IC146	8-759-916-22	s	IC SN74HC21AN
IC147	8-759-904-79	s	IC 74F00PC
IC148	8-759-982-38	s	IC RC7905FA
IC201	8-759-917-20	s	IC SN74HC645AN
IC202	8-759-917-05	s	IC SN74HC541AN
IC203	8-759-107-53	s	IC CXQ71055P
IC204	8-759-902-21	s	IC SN74LS221N
IC205	8-759-916-25	s	IC SN74HC32AN
IC206	8-759-916-15	s	IC SN74HC05AN
IC207	8-759-921-10	s	IC SN74HC86AN
IC208	8-759-503-91	s	IC TL082ACP
IC209	8-759-140-53	s	IC UPD4053BC
IC210	8-759-140-53	s	IC UPD4053BC
IC211	8-759-503-91	s	IC TL082ACP
to IC214			
IC215	8-759-916-12	s	IC SN74HC00AN
IC216	8-759-921-10	s	IC SN74HC86AN
IC217	8-759-916-16	s	IC SN74HC08AN
IC301	8-759-145-58	s	IC UPC4558C
IC302	8-759-974-07	s	IC SN7407N
IC303	8-759-916-29	s	IC SN74HC74AN
IC304	8-759-000-48	s	IC MC14052BCP
IC305	8-759-000-48	s	IC MC14052BCP
IC306	8-759-135-80	s	IC UPC358C
IC307	8-759-135-80	s	IC UPC358C
IC308	8-759-131-11	s	IC UPC311C
IC309	8-759-902-21	s	IC SN74LS221N
Q101	8-729-281-53	s	TRANSISTOR 2SC1815-GR
Q201	8-729-900-38	s	TRANSISTOR DTA114EF
Q202	8-729-900-45	s	TRANSISTOR DTC114EF
Q203	8-729-115-30	s	TRANSISTOR 2SK105A-30
Q301	8-729-140-18	s	TRANSISTOR 2SC3694-L

Ref. No.	Parts No.	SP	Description			
Q302	8-729-140-21	s	TRANSISTOR 2SA1444-L			
Q303	8-729-201-05	s	TRANSISTOR 2SC2878-B			
Q304	8-729-281-53	s	TRANSISTOR 2SC1815-GR			
Q305	8-729-140-18	s	TRANSISTOR 2SC3694-L			
Q306	8-729-140-21	s	TRANSISTOR 2SA1444-L			
Q307	8-729-201-05	s	TRANSISTOR 2SC2878-B			
Q308	8-729-281-53	s	TRANSISTOR 2SC1815-GR			
Q309	8-729-140-18	s	TRANSISTOR 2SC3694-L			
Q310	8-729-140-21	s	TRANSISTOR 2SA1444-L			
Q311	8-729-201-05	s	TRANSISTOR 2SC2878-B			
Q312	8-729-281-53	s	TRANSISTOR 2SC1815-GR			
Q313	8-729-900-38	s	TRANSISTOR DTA114EF			
Q314	8-729-900-45	s	TRANSISTOR DTC114EF			
to Q318						
Q319	8-729-105-29	s	TRANSISTOR 2SA1385			
Q320	8-729-105-29	s	TRANSISTOR 2SA1385			
Q321	8-729-900-45	s	TRANSISTOR DTC114EF			
R101	1-249-437-11	s	RES, CARBON	47K	5%	1/4W
R102	1-249-437-11	s	RES, CARBON	47K	5%	1/4W
R103	1-249-408-11	s	RES, CARBON	180	5%	1/4W
R104	1-249-411-11	s	RES, CARBON	330	5%	1/4W
R105	1-249-411-11	s	RES, CARBON	330	5%	1/4W
R106	1-249-437-11	s	RES, CARBON	47K	5%	1/4W
R107	1-249-413-11	s	RES, CARBON	470	5%	1/4W
R108	1-249-417-11	s	RES, CARBON	1K	5%	1/4W
R109	1-249-411-11	s	RES, CARBON	330	5%	1/4W
R110	1-249-411-11	s	RES, CARBON	330	5%	1/4W
R111	1-249-411-11	s	RES, CARBON	330	5%	1/4W
R112	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R113	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R114	1-249-437-11	s	RES, CARBON	47K	5%	1/4W
R115	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R116	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R117	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R118	1-249-437-11	s	RES, CARBON	47K	5%	1/4W
R119	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R120	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
R121	1-249-437-11	s	RES, CARBON	47K	5%	1/4W
R122	1-249-404-00	s	RES, CARBON	82	5%	1/4W
to R126						
R127	1-249-408-11	s	RES, CARBON	180	5%	1/4W
R201	1-249-437- 11	s	RES, CARBON	47K	5%	1/4W
R202	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R203	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R204	1-249-435-11	s	RES, CARBON	33K	5%	1/4W
R205	1-249-435-11	s	RES, CARBON	33K	5%	1/4W
R206	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
R207	1-249-441-11	s	RES, CARBON	100K	5%	1/4W
R208	1-249-441-11	s	RES, CARBON	100K	5%	1/4W
R209	1-249-441-11	s	RES, CARBON	100K	5%	1/4W
R210	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R211	1-247-883-00	s	RES, CARBON	150K	5%	1/4W
R214	1-249-441-11	s	RES, CARBON	100K	5%	1/4W

Ref. No.	Parts No.	SP	Description			
R215	1-249-431-11	s	RES, CARBON	15K	5%	1/4W
R216	1-249-431-11	s	RES, CARBON	15K	5%	1/4W
R217	1-249-441-11	s	RES, CARBON	100K	5%	1/4W
R218	1-249-433-11	s	RES, CARBON	22K	5%	1/4W
R219	1-249-431-11	s	RES, CARBON	15K	5%	1/4W
R220	1-249-436-11	s	RES, CARBON	39K	5%	1/4W
R221	1-249-441-11	s	RES, CARBON	100K	5%	1/4W
R222	1-249-441-11	s	RES, CARBON	100K	5%	1/4W
R223	1-249-421-11	s	RES, CARBON	2.2K	5%	1/4W
R224	1-249-421-11	s	RES, CARBON	2.2K	5%	1/4W
R225	1-249-441-11	s	RES, CARBON	100K	5%	1/4W
R226	1-249-431-11	s	RES, CARBON	15K	5%	1/4W
R227	1-249-421-11	s	RES, CARBON	2.2K	5%	1/4W
R228	1-249-441-11	s	RES, CARBON	100K	5%	1/4W
R229	1-249-441-11	s	RES, CARBON	100K	5%	1/4W
R230	1-249-409-11	s	RES, CARBON	220	5%	1/4W
R231	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R232	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R233	1-249-409-11	s	RES, CARBON	220	5%	1/4W
R234	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R235	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R236	1-249-409-11	s	RES, CARBON	220	5%	1/4W
R237 to R242	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R243	1-247-903-00	s	RED, CARBON	1M	5%	1/4W
R244	1-247-887-00	s	RES, CARBON	220K	5%	1/4W
R245	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R246	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R247	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R248	1-249-437-11	s	RES, CARBON	47K	5%	1/4W
R249	1-249-437-11	s	RES, CARBON	47K	5%	1/4W
R250	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R251	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R252	1-249-427-11	s	RES, CARBON	6.8K	5%	1/4W
R301	1-215-445-00	s	RES, METAL	10K	1%	1/4W
R302	1-215-459-00	s	RES, METAL	39K	1%	1/4W
R303	1-215-445-00	s	RES, METAL	10K	1%	1/4W
R304	1-215-445-00	s	RES, METAL	10K	1%	1/4W
R305	1-215-445-00	s	RES, METAL	10K	1%	1/4W
R306	1-215-459-00	s	RES, METAL	39K	1%	1/4W
R307	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R308	1-215-457-00	s	RES, METAL	33K	1%	1/4W
R309	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R310	1-215-457-00	s	RES, METAL	33K	1%	1/4W
R311	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R312	1-215-457-00	s	RES, METAL	33K	1%	1/4W
R313	1-249-417-11	s	RES, CARBON	1K	5%	1/4W
R314	1-249-413-11	s	RES, CARBON	470	5%	1/4W
R315	1-247-903-00	s	RES, CARBON	1M	5%	1/4W
R316	1-249-435-11	s	RES, CARBON	33K	5%	1/4W
R317	1-249-433-11	s	RES, CARBON	22K	5%	1/4W

Ref. No.	Parts No.	SP	Description			
R318	1-249-421-11	s	RES, CARBON	2.2K	5%	1/4W
R319	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R320	1-247-903-00	s	RES, CARBON	1M	5%	1/4W
R321	1-247-733-11	s	RES, CARBON	33	5%	1/2W
R322	1-247-733-11	s	RES, CARBON	33	5%	1/2W
R323	1 247-733-11	s	RES, CARBON	23	5%	1/2W
R324	1-249-429-11	s	RES, CARBON	15K	5%	1/4W
R325	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
R326	1-249-413-11	s	RES, CARBON	470	5%	1/4W
R327	1-249-417-11	s	RES, CARBON	1K	5%	1/4W
R328	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R329	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R330	1-249-417-11	s	RES, CARBON	1K	5%	1/4W
R331	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R332	1-249-441-11	s	RES, CARBON	100K	5%	1/4W
RB201	1-235-339-11	s	RES BLOCK 47K×8			
RB202	1-235-339-11	s	RES BLOCK 47K×8			
RB203	1-235-334-11	s	RES BLOCK 3.3K×8			
RB204	1-235-339-11	s	RES BLOCK 47K×8			
RB301	1-235-192-00	s	RES BLOCK 1K×8			
RB302	1-235-195-00	s	RES BLOCK 10K×8			
RV101	1-237-520-21	s	RE5, ADJ, CERMET 50K			
RV201	1-237-516-21	s	RES, ADJ, CERMET 2K			
RV202	1-237-517-21	s	RES, ADJ, CERMET 5K			
RV203	1-237-519-21	s	RES, ADJ, CERMET 20K			
RY1	1-515-519-00	s	RELAY			

CTL-2 BOARD

Ref. No.	Parts No.	SP	Description			
-	A-7850-672-A	o	COMPLETE PCB, CTL-2			

(This assembly includes the following parts.)

Ref. No.	Parts No.	SP	Description			
-	3-714-634-11	o	LEVER, PC BOARD			
-	7-626-320-11	o	PIN, SPRING 3×8			
-	7-682-546-04	s	SCREW +PTTWH 3×5			
-	7-685-546-14	s	SCREW +BTP 3×8 TYPE 2			
C1	1-126-103-11	s	CAP, ELECT	470	20%	16V
C2	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C5	1-124-477-11	s	CAP, ELECT	47	20%	25V
C6	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C7	1-124-477-11	s	CAP, ELECT	47	20%	25V
C8	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C11	1-124-477-11	s	CAP, ELECT	47	20%	25V
C12	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C13	1-124-417-11	s	CAP, ELECT	47	20%	25V
C14	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C15	1-102-973-00	s	CAP, CERAMIC	100P	5%	50V
C16	1-102-973-00	s	CAP, CERAMIC	100P	5%	50V
C17	1-102-963-00	s	CAP, CERAMIC	33P	5%	50V
C18	1-102-963-00	s	CAP, CERAMIC	33P	5%	50V
C19	1-126-163-11	s	CAP, ELECT	4.7	20%	25V

Ref. No.	Parts No.	SP	Description
C20	1-126-163-11	s	CAP, ELECT 4.7 20% 25V
C21	1-136-175-00	s	CAP, FILM 0.68 5% 50V
C22	1-108-614-11	s	CAP, MYLAR 0.001 10% 100V (Up to Serial No. 11000)
	1-130-467-00	s	CAP, MYLAR 470P 5% 50V (Serial No. 11001 and higher)
C25	1-108-812-11	s	CAP, MYLAR 0.047 5% 50V
C26	1-101-361-00	s	CAP, CERAMIC 150P 5% 50V
C27	1-101-361-00	s	CAP, CERAMIC 150P 5% 50V
C30	1-102-963-00	s	CAP, CERAMIC 33P 5% 50V
C31	1-102-963-00	s	CAP, CERAMIC 33P 5% 50V
C101 to C 119	1-101-004-00	s	CAP, CERAMIC 0.01 50V
C121 to C185	1-101-004-00	s	CAP, CERAMIC 0.01 50V
C187 to C 193	1-101-004-00	s	CAP, CERAMIC 0.01 50V
C194 to C196	1-101-004-00	s	CAP, CERMIC 0.01 50V (Serial No.10201 and higher only)
C201 to C207	1-101-004-00	s	CAP, CERAMIC 0.01 50V
C208 to C210	1-101-004-00	s	CAP, CERAMIC 0.01 50V (Serial No. 10201 and higher only)
C216 to C221	1-101-004-00	s	CAP, CERAMIC 0.01 50V
C222, 223	1-101-004-00	s	CAP, CERAMIC 0.01 50V (Serial No.10201 and higher only)
C224 to C269	1-101-004-00	s	CAP, CERAMIC 0.01 50V
C270	1-101-004-00	s	CAP, CERAMIC 0.01 50V (Serial No.10201 and higher only)
C271	1-101-004-00	s	CAP, CERAMIC 0.01 50V
C272	1-101-004-00	s	CAP, CERAMIC 0.01 50V
C273	1-101-004-00	s	CAP, CERAMIC 0.01 50V
C274	1-101-004-00	s	CAP,CERAMIC 0.01 50V (Serial No.10201 and higher only)
C275 to C280	1-101-004-00	s	CAP, CERAMIC 0.01 50V
C282 to C284	1-101-004-00	s	CAP, CERAMIC 0.01 50V
C285	1-101-004-00	s	CAP, CERAMIC 0.01 50V (Serial No.10201 and higher only)
C286 to C301	1-101-004-00	s	CAP, CERAMIC 0.01 50V
CN1	1-565-207-21	s	CONNECTOR, DIN (MALE) 128P
CN2	1-565-207-21	s	CONNECTOR, DIN (MALE) 128P

Ref. No.	Parts No.	SP	Description
D1	8-719-911-19	s	DIODE 1SS119
D2 to D6	8-719-800-30	s	DIODE 1SS227
D7	8-719-812-43	s	DIODE TLG124A
D8	8-719-812-43	s	DIODE TLG124A
D9	8-719-938-68	s	DIODE GL3HY8
D10 to D15	8-719-812-43	s	DIODE TLG124A
D16	8-719-800-30	s	DIODE 1SS227
D17	8-719-800-30	s	DIODE 1SS227
D18	8-719-911-19	s	DIODE 1SS119 (Serial No. 11001 and higher only)
D19	8-719-911-19	s	DIODE 1SS119 (Serial No. 11001 and higher only)
IC1	8-759-107-45	s	IC UPA54HA
IC2	8-759-107-46	s	IC UPA64HA
IC101	8-759-982-23	s	IC RC78L08A (Serial No.10101 and higher only)
IC102	8-759-982-46	s	IC RC79L08A (Serial No.10101 and higher only)
ICA2	8-759-916-53	s	IC SN74HC166AN
ICA4	8-759-233-05	s	IC TC74HC283AP
ICA5	8-759-916-14	s	IC SN74HC04AN
ICA6	8-759-921-21	s	IC SN74HC163AN
ICA7	8-759-004-91	s	IC MC74HC688N
ICA8	8-759-917-05	s	IC SN74HC541AN
ICA9	8-759-916-57	s	IC SN74HC191N
ICA10	8-759-233-05	s	IC TC74HC283AP
ICA11	8-759-916-14	s	IC SN74HC04AN
ICA12	8-759-916-14	s	IC SN74HC04AN
ICA13	8-759-921-22	s	IC SN74HC164AN
ICA14	8-759-921-22	s	IC SN74HC164AN
ICB2	8-759-916-53	s	IC SN74HC166AN
ICB3	8-759-233-05	s	IC TC74HC283AP
ICB4	8-759-233-05	s	IC TC74HC283AP
ICB5	8-759-921-21	s	IC SN74HC163AN
ICB6	8-759-921-21	s	IC SN74HC163AN
ICB7	8-759-004-91	s	IC MC74HC688N
ICB8	8-759-917-05	s	IC SN74HC541AN
ICB9	8-759-916-57	s	IC SN74HC191N
ICB10	8-759-916-57	s	IC SN74HC191N
ICB11	8-759-233-05	s	IC TC74HC283AP
ICB12	8-759-233-05	s	IC TC74HC283AP
ICB13	8-759-921-22	s	IC SN74HC164AN
ICB14	8-759-921-22	s	IC SN74HC164AN
ICC1	8-759-916-16	s	IC SN74HC08AN
ICC2	8-759-916-53	s	IC SN74HC166AN
ICC3	8-759-233-05	s	IC TC74HC283AP
ICC4	8-759-233-05	s	IC TC74HC283AP
ICC5	8-759-921-21	s	IC SN74HC163AN

CTL-2

Ref. No.	Parts No.	SP	Description
ICC6	8-759-921-21	s	IC SN74HC163AN
ICC7	8-759-004-91	s	IC MC74HC688N
ICC8	8-759-917-05	s	IC SN74HC541AN
ICC9	8-759-916757	s	IC SN74HC191N
ICC10	8-759-916-57	s	IC SN74HC191N
ICC11	8-759-233-05	s	IC TC74HC283AP
ICC12	8-759-233-05	s	IC TC74HC283AP
ICC13	8-759-921-22	s	IC SN74HC164AN
ICC14	8-759-921-22	s	IC SN74HC164AN
ICD1	8-759-917-01	s	IC SWN74HC379N
ICD2	8-759-916-53	s	IC SN74HC166AN
ICD3	8-759-233-05	s	IC TC74HC283AP
ICD4	8-759-233-05	s	IC TC74HC283AP
ICD5	8-759-921-21	s	IC SN74HC163AN
ICD6	8-759-921-21	s	IC SN74HC163AN
ICD7	8-759-004-91	s	IC MC74HC688N
ICD8	8-759-917-05	s	IC SN74HC541AN
ICD9	8-759-916-57	s	IC SN74HC191N
ICD10	8-759-916-57	s	IC SN74HC191N
ICD11	8-759-233-05	s	IC TC74HC283AP
ICD12	8-759-233-05	s	IC TC74HC283AP
ICD13	8-759-004-91	s	IC MC74HC688N
ICD14	8-759-916-98	s	IC SN74HC377N
ICE1	8-759-916-29	s	IC SN74HC74AN
ICE2 to ICE9	8-759-916-53	s	IC SN74HC166AN
ICE10	8-759-921-22	s	IC SN74HC164AN
ICE11	8-759-921-22	s	IC SN74HC164AN
ICE12	8-759-916-98	s	IC SN74HC377N
ICE13	8-759-916-98	s	IC SN74HC377N
ICE14	8-759-916-98	s	IC SN74HC377N
ICF1	8-759-916-49	s	IC SN74HC154NT
ICF2	8-759-916-49	s	IC SN74HC154NT
ICF3 to ICF9	8-759-917-25	s	IC SN74HC652ANT
ICF10	8-759-917-06	s	IC SN74HC574AN
ICF12	8-759-917-25	s	IC SN74HC652ANT
ICF13	8-759-917-05	s	IC SN74HC541AN
ICF14	8-759-917-05	s	IC SN74HC541AN
ICG1	8-759-913-17	s	IC CX23021
ICG2	8-759-916-74	s	IC SN74HC253AN
ICG3	8-759-785-45	s	IC CTL REC G3 VER1.0
ICG4	8-759-916-98	s	IC SN74HC377N
ICG5 to ICG7	8-759-921-21	s	IC SN74HC163AN (Serial No.10201 and higher only)
ICG12	8-759-239-47	s	IC TC74HC123AP
ICG13	8-759-917-01	s	IC SN74HC379N
ICG14	8-759-921-10	s	IC SN74HC86AN

Ref. No.	Parts No.	SP	Description
ICH1 to ICH4	8-759-921-21	s	IC SN74HC163AN
ICH5	8-759-741-21	s	IC CTL-SPDET H5 VER 1.0 (Serial No.10201 and higher only)
ICH6	8-759-916-98	s	IC SN74HC377N (Serial No.10201 and higher only)
ICH7	8-759-917-20	s	IC SN74HC645N (Serial N0.10201 and higher only)
ICH13	8-759-916-25	s	IC SN74HC32AN
ICH14	8-759-921-21	s	IC SN74HC163AN
ICJ1	8-759-916-21	s	IC SN74HC20AN
ICJ2	8-759-916-12	s	IC SN74HC00AN
ICJ3	8-759-921-08	s	IC SN74HC02AN
ICJ4	8-759-921-22	s	IC SN74HC164AN
ICJ5	8-759-916-29	s	IC SN74HC74AN (Serial No.10201 and higher only)
ICJ6	8-759-921-10	s	IC SN74HC86AN (Serial No.10201 and higher only)
ICJ7	8-759-916-29	s	IC SN74HC74AN
ICJ8	8-759-916-16	s	IC SN74HC08AN
ICJ9	8-759-916-25	s	IC SN74HC32AN
ICJ10	8-759-916-14	s	IC SN74HC04AN
ICJ11	8-759-916-22	s	IC SN74HC21AN
ICJ12	8-759-916-29	s	IC SN74HC74AN
ICJ13	8-759-916-16	s	IC SN74HC08AN
ICJ14	8-759-921-21	s	IC SN74HC163AN
ICK1	8-759-921-10	s	IC SN74HC86AN
ICK2	8-759-916-16	s	IC SN74HC08AN
ICK3	8-759-916-25	s	IC SN74HC32AN
ICK4	8-752-322-10	s	IC CXK5814P-45L
ICK5	8-559-921-22	s	IC SN74HC164AN
ICK6	8-759-004-91	s	IC MC74HC688N
ICK7	8-759-916-14	s	IC SN74HC04AN
ICK8	8-759-921-21	s	IC SN74HC163AN
ICK9	8-759-921-21	s	IC SN74HC163AN
ICK10	8-759-916-12	s	IC SN74HC00AN
ICK11	8-759-916-29	s	IC SN74HC74AN
ICK12	8-759-921-08	s	IC SN74HC02AN
ICK13	8-259-921-08	s	IC SN74HC02AN
ICK14	8-759-916-12	s	IC TC74HC00P
ICL1	8-759-916-14	s	IC SN74HC04AN
ICL2	8-759-921-21	s	IC SN74HC163AN
ICL3	8-759-921-21	s	IC SN74HC163AN
ICL4	8-759-921-21	s	IC SN74HC163AN
ICL5	8-759-916-29	s	IC SN74HC74AN
ICL6	8-759-921-10	s	IC SN74HC86AN
ICL7	8-759-921-08	s	IC SN74HC02AN
ICL8	8-759-921-21	s	IC SN74HC163AN
ICL9	8-759-144-54	s	IC CTL PB L9 VER2.0
ICL10	8-759-921-21	s	IC SN74HC163AN

Ref. No.	Parts No.	SP	Description
ICL11	8-759-921-21	s	IC SN74HC163AN
ICL12	8-759-921-21	s	IC SN74HC163AN
ICL13	8-759-921-21	s	IC SN74HC163AN
ICL14	8-759-916-98	s	IC SN74HC377N
ICM1	8-759-004-91	s	IC MC74HC688N
ICM2	8-759-916-98	s	IC SN74HC377N
ICM3	8-759-916-74	s	IC SN74HC253AN
ICM4	8-759-917-01	s	IC SN74HC379N
ICM5	8-759-131-11	s	IC UPC311C
ICM7	8-759-133-90	s	IC UPC339C
ICM9	8-759-917-01	s	IC SN74HC379N
ICM10	8-759-913-17	s	IC CX23021
ICM11	8-759-921-21	s	IC SN74HC163AN
ICM12	8-759-921-21	s	IC SN74HC163AN
ICM13	8-759-916-14	s	IC SN74HC04AN
ICM14	8-759-904-26	s	IC SN74ALS08N
ICN1	8-759-233-07	s	IC TC74HC298AP
ICN2	8-759-917-20	s	IC SN74HC645N
ICN3	8-759-916-25	s	IC SN74HC32AN
ICN4	8-759-917-05	s	IC SN74HC541AN
ICN5	8-759-503-91	s	IC TL082ACP
ICN9	8-759-951-23	s	IC SN75123N
ICN10	8-759-926-31	s	C AM26L531 PC
ICN11	8-759-917-05	s	IC SN74HC541AN
ICN13	8-759-917-59	s	IC 74F168PC
ICN14	8-759-917-59	s	IC 74F168PC
ICP1	8-759-917-05	s	IC SN74HC541AN
ICP2	8-759-916-12	s	IC SN74HC00AN
ICP3	8-759-917-05	s	IC SN74HC541AN
ICP4	8-719-945-60	s	PC827
ICP5	8-759-503-91	s	IC TL082ACP
ICP12	8-759-917-05	s	IC SN74HC541AN
ICP14	8-759-904-77	s	IC AM26L532AC
L3	1-408-429-00	s	INDUCTOR 470UH
L4	1-408-429-00	s	INDUCTOR 470UH
Q1	8-759-70808	s	IC NJM78L08A (Up to Serial No.10015 only)
Q2	8-759-700-67	s	IC NJM79L08A (Up to Serial No.10015 only)
Q3 to Q6	8-729-900-89	s	TRANSISTOR DTC144ES
R1 to R4	1-249-429-11	s	RES, CARBON 10K 5% 1/4W
R5	1-249-421-11	s	RES, CARBON 2.2K 5% 1/4W
R6	1-249-441-11	s	RES, CARBON 100K 5% 1/4W
R7	1-249-436-11	s	RES, CARBON 39K 5% 1/4W
R8	1-249-429-11	s	RES, CARBON 10K 5% 1/4W
R9	1-249-417-11	s	RES, CARBON 1K 5% 1/4W

Ref. No.	Parts No.	SP	Description
R10	1-249-441-11	s	RES, CARBON 100K 5% 1/4W
R11	1-249-435-11	s	RES, CARBON 33K 5% 1/4W
R12	1-249-429-11	s	RES, CARBON 10K 5% 1/4W (Seriai No.10201 and higher)
R13	1-249-418-11	s	RES, C4RBON 1.2K 5% 1/4W
R14	1-249-413-11	s	RES, CARBON 470 5% 1 /4W
R15	1-249-429-11	s	RES, CARBON 10K 5% 1/4W
R16	1-249-437-11	s	RES, CARBON 47K 5% 1/4W
R17	1-249-431-11	s	RES, CARBON 15K 5% 1/4W
R18	1-249-430-11	s	RES, CARBON 12K 5% 1/4W
R19	1-249-417-11	s	RES, CARBON 1K 5% 1/4W
R20	1-249-419-11	s	RES, CARBON 1.5K 5% 1/4W
R25	1-249-438-11	s	RES, CARBON 56K 5% 1/4W (Up to Serial No.11000)
	1-249-433-11	s	RES, CARBON 22K 5% 1/4W (Serial No.11001 and higher)
R32 to R35	1-249-429-11	s	RES, CARBON 10K 5% 1/4W
R36	1-249-421-11	s	RES, CARBON 2.2K 5% 1/4W
R37	1-249-421-11	s	RES, CARBON 2.2K 5% 1/4W
R38	1-249-389-11	s	RES, CARBON 4.7 5% 1/4W
R39	1-249-389-11	s	RES, CARBON 4.7 5% 1/4W
R40	1-249-401-11	s	RES, CARBON 4.7 5% 1/4W
R41	1-249-401-11	s	RES, CARBON 47 5% 1/4W
R46	1-249-415-11	s	RES, CARBON 680 5% 1/4W
R47	1-249-437-11	s	RES, CARBON 47K 5% 1/4W
R48	1-249-441-11	s	RES, CARBON 100K 5% 1/4W
R49	1-249-441-11	s	RES, CARBON 100K 5% 1/4W
R50	1-249-413-11	s	RES, CARBON 470 5% 1/4W
R51	1-249-413-11	S	RES, CARBON 470 5% 1/4W
R52	1-249-431-11	s	RES, CARBON 15K 5% 1/4W
R53	1-249-431-11	s	RES, CARBON 15K 5 % 1/4W
R55	1-249-407-11	s	RES, CARBON 150 5% 1/4W
R56	1-249-407-11	s	RES, CARBON 150 5% 1/4W
R57	1-249-408-11	s	RES, CARBON 180 5% 1/4W
R58	1-249-408-11	s	RES, CARBON 180 5% 1/4W
R60	1-249-413-11	s	RES, CARBON 470 5% 1/4W
R62 to R67	1-249-413-11	s	RES, CARBON 470 5% 1/4W
R101	1-249-413-11	s	RES, CARBON 470 5% 1/4W
R102	1-249-413-11	s	RES, CARBON 470 5% 1/4W
R103	1-249-417-11	s	RES, CARBON 1K 5% 1/4W
R104	1-249-417-11	s	RES, CARBON 1K 5% 1/4W
R105 to R111	1-249-429-11	s	RES, CARBON 10K 5% 1/4W
R112	1-249-417-11	s	RES, CARBON 1K 5% 1/4W
R113	1-249-417-11	s	RES, CARBON 1K 5% 1/4W
R114	1-249-401-11	s	RES, CARBON 47 5% 1/4W
R115	1-249-401-11	s	RES, CARBON 47 5% 1/4W
RB1 to RB6	1-235-195-00	s	RES BLOCK 10Kx8
RB7	1-235-195-00	s	RES BLOCK 10Kx8 (Serial No.10201 and higher)
RV1	1-237-518-21	s	RES, ADJ, METAL FILM 10K

DA-25 BOARD

Ref. No.	Parts No.	SP	Description			
-	A-7850-600-A	o	COMPLETE PCB, DA-25			

(This assembly includes the following parts.)

Ref. No.	Parts No.	SP	Description			
-	1-543-562-11	s	CORE (CHOKE COIL)			
-	1-560-242-21	o	BUS BAR 6P			
-	1-565-208-11	o	BUS, MINIATURE 9P			
-	3-714-634-11	o	LEVER, PC BOARD			
-	4-928-330-01	o	NUT (M2.6), HEXAGON			
-	7-621-773-95	s	SCREW +B 2.6x6			
-	7-626-320-11	o	PIN, SPRING 3x8			
-	7-682-546-04	s	SCREW +B 3x5			
-	7-685-546-14	s	SCREW +BTP 3x8			
-	9-910-999-33	s	CLAMP, REED			
-	9-911-845-99	s	CUSHION (A)			
C1	1-124-473-11	s	CAP, ELECT	1000	20%	10V
C2	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C3	1-124-564-11	s	CAP, ELECT	4700	20%	25V
C4	1-124-480-11	s	CAP, ELECT	470	20%	25V
C5	1-124-828-11	s	CAP, ELECT	470	20%	16V
C6	1-124-473-11	s	CAP, ELECT	1000	20%	10V
C7	1-124-480-11	s	CAP, ELECT	470	20%	25V
C8	1-124-443-00	s	CAP, ELECT	100	20%	10V
C9	1-124-913-11	s	CAP, ELEGT	470	20%	50V
C10	1-124-913-11	s	CAP, ELECT	470	20%	50V
C11	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C12	1-124-473-11	s	CAP, ELECT	1000	20%	10V
C13	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C14	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C21	1-124-443-00	s	CAP, ELECT	100	20%	10V
C22	1-124-443-00	s	CAP, ELECT	100	20%	10V
C23	1-124-443-00	s	CAP, ELECT	100	20%	10V
C24	1-124-443-00	s	CAP, ELECT	100	20%	10V
C32 to C40	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C41 to C43	1-162-176-00	s	CAP, CERAMIC (Up to Serial No.10400 only)	1.5		25V
C101	1-124-443-00	s	CAP, ELECT	100	20%	10V
C102	1-124-443-00	s	CAP, ELECT	100	20%	10V
C103	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C104	1-524-443-00	s	CAP, ELECT	100	20%	10V
C105	1-124-443-00	s	CAP, ECECT	100	20%	10V
C106	1-104-150-00	s	CAP, STYROL	680P	5%	125V
C107	1-131-350-00	s	CAP, TANT	3.3	10%	35V
C108	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C109	1-124-477-11	s	CAP, ELECT	47	20 %	25V
C110	1-124-477-11	s	CAP, ELECT	47	20 %	25V
C111	1-107-202-00	s	CAP, MICA	10P	5%	500V
C112	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C113	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C114	1-136-233-11	s	CAP, FILM	0.0047	3%	100V
C116	1-107-159-00	s	CAP, MICA	33P	5%	500V
C118	1-107-202-00	s	CAP, MICA	10P	5%	500V
C119	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C120	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C121	1-107-202-00	s	CAP, MICA	10P	5%	500V
C122	1-124-824-51	s	CAP, ELECT	47	20%	16V
C125	1-124-824-51	s	CAP, ELECT	47	20%	16V
C126	1-126-052-11	s	CAP, ELECT	100	20%	50V
C127	1-126-052-11	s	CAP, ELECT	100	20%	50V
C128	1-126-052-11	s	CAP, ELECT	100	20%	50V
C129	1-126-052-11	s	CAP, ELECT	100	20%	50V
C130	1-124-482-11	s	CAP, ELECT	33	20%	35V
C131	1-124-482-11	s	CAP, ELECT	33	20%	35V
C132	1-124-482-11	s	CAP, ELECT	33	20%	35V
C133	1-124-482-11	s	CAP, ELECT	33	20%	35V
C201	1-124-443-00	s	CAP, ELECT	100	20%	10V
C202	1-124-443-00	s	CAP, ELECT	100	20%	10V
C203	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C204	1-124-443-00	s	CAP, ELECT	100	20%	10V
C205	1-124-443-00	s	CAP, ELECT	100	20%	10V
C206	1-104-150-00	s	CAP, STYROL	680P	5%	125V
C207	1-131-350-00	s	CAP, TANT	3.3	10%	35V
C208	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C209	1-124-477-11	s	CAP, ELECT	47	20%	25V
C210	1 124-477-11	s	CAP, ELECT	47	20%	25V
C211	1-107-202-00	s	CAP, MICA	10P	5%	50V
C212	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C213	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C214	1-136-233-11	s	CAP, FILM	0.0047	3%	100V
C216	1-107-159-00	s	CAP, MICA	33P	5%	500V
C218	1-107-202-00	s	CAP, MICA	10P	5%	500V
C219	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C220	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C221	1-107-202-00	s	CAP, MICA	10P	5%	500V
C222	1-124-824-51	s	CAP, ELECT	47	20%	16V
C225	1-124-824-51	s	CAP, ELECT	47	20%	16V
C226	1-126-052-11	s	CAP, ELECT	100	20%	50V
C227	1-126-052-11	s	CAP, ELECT	100	20%	50V
C228	1-126-052-11	s	CAP, ELECT	100	20%	50V
C229	1-126-052-11	s	CAP, ELECT	100	20%	50V
C230	1-124-482-11	s	CAP, ELECT	33	20%	35V
C231	1-124-482-11	s	CAP, ELECT	33	20%	35V
C232	1-124-482-11	s	CAP, ELECT	33	20%	35V
C233	1-124-482-11	s	CAP, ELECT	33	20%	35V
C301	1-124-443-00	s	CAP, ELECT	100	20%	10V
C302	1-124-443-00	s	CAP, ELECT	100	20%	10V
C303	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C304	1-124-443-00	s	CAP, ELECT	100	20%	10V
C305	1-124-443-00	s	CAP, ELECT	100	20%	10V
C306	1-104-150-00	s	CAP, STYROL	680P	5%	125V
C307	1-131-350-00	s	CAP, TANT	3.3	10%	35V

Ref. No.	Parts No.	SP	Description			
C308	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C309	1-124-477-11	s	CAP, ELECT	47	20%	100V
C310	1-124-477-11	s	CAP, ELECT	47	20%	500V
C311	1-107-202-00	s	CAP, MICA	10P	5%	500V
C312	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C313	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C314	1-136-233-11	s	CAP, FILM	0.0047	3%	100V
C316	1-107-159-00	s	CAP, MICA	33P	5%	500V
C318	1-107-202-00	s	CAP, MICA	10P	5%	500V
C319	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C320	1-151-004-00	s	CAP, CERAMIC	0.01		50V
C321	1-107-202-00	s	CAP, MICA IOP	5%		500V
C322	1-124-824-51	s	CAP, ELECT	47	20%	16V
C325	1-124-824-51	s	CAP, ELECT	47	20%	16V
C326	1-126-052-11	s	CAP, ELECT	100	20%	50V
C327	1-126-052-11	s	CAP, ELECT	100	20%	50V
C328	1-126-052-11	s	CAP, ELECT	100	20%	50V
C329	1-126-052-11	s	CAP,ELECT	100	20%	50V
C330	1-124-482-11	s	CAP, ELECT	33	20%	35V
C331	1-124-482-11	s	CAP, ELECT	33	20%	35V
C332	1-124-482-11	s	CAP, ELECT	33	20%	35V
C333	1-124-482-11	s	CAP, ELECT	33	20%	35V
C401	1-124-443-00	s	CAP,ELECT	100	20%	10V
C402	1-124-483-00	s	CAP, ELECT	100	20%	10V
C403	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C404	1-124-443-00	s	CAP, ELECT	100	20%	10V
C405	1-124-443-00	s	CAP, ELECT	100	20%	10V
C406	1-104-150-00	s	CAP, STYROL	680P	5%	125V
C407	1-131-350-00	s	CAP, TANT	3.3	10%	35V
C408	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C409	1-124-471-11	s	CAP, ELECT	47	20%	25V
C410	1-124-477-11	s	CAP, ELECT	47	20%	25V
C411	1-101-202-00	s	CAP, MICA	10P	5%	500V
C452	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C413	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C414	1-136-233-11	s	CAP, FILM	0.0047	3%	100V
C416	1-107-159-00	s	CAP, MICA	33P	5%	500V
C418	1-107-202-00	s	CAP, MICA	10P	5%	500V
C419	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C420	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C421	1-107-202-00	s	CAP, MICA	10P	5%	500V
C422	1-124-824-51	s	CAP, ELECT	47	20%	16V
C425	1-124-824-51	s	CAP, ELECT	47	20%	16V
C426	1-126-052-11	s	CAP, ELECT	100	20%	50V
C427	1-126-052-11	s	CAP, ELECT	100	20%	50V
C428	1-126-052-11	s	CAP, ELECT	100	20%	50V
C429	1-126-052-11	s	CAP ,ELECT	100	20%	50V
C430	1-124-482-11	s	CAP, ELECT	33	20%	35V
C431	1-124-482-11	s	CAP, ELECT	33	20%	35V
C432	1-124-482-11	s	CAP, ELECT	33	20%	35V

Ref. No.	Parts No.	SP	Description			
C433	1-124-482-11	s	CAP, ELECT	33	20%	35V
C501	1-124-443-00	s	CAP, ELECT	100	20%	10V
C502	1-124-443-00	s	CAP, ELECT	100	20%	10V
C503	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C504	1-124-443-00	s	CAP, ELECT	100	20%	10V
C505	1-124-443-00	s	CAP, ELECT	100	20%	10V
C506	1-104-150-00	s	CAP, STYROL	680P	5%	125V
C507	1-131-350-00	s	CAP, TANT	3.3	10%	35V
C508	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C509	1-124-477-11	s	CAP, ELECT	47	20%	25V
C510	1-124-477-11	s	CAP, ELECT	47	20%	25V
C511	1-107-202-00	s	CAP, MICA	10P	5%	500V
C512	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C513	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C514	1-136-233-11	s	CAP, FILM	0.0047	3%	100V
C516	1-107-159-00	s	CAP, MICA	33P	5%	500V
C518	1-107-202-00	s	CAP, MICA	10P	5%	500V
C519	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C520	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C521	1-107-202-00	s	CAP, MICA	10P	5%	500V
C522	1-124-824-51	s	CAP, ELECT	47	20%	16V
C525	1-124-824-51	s	CAP, ELECT	47	20%	16V
C526	1-126-052-11	s	CAP, ELECT	100	20%	50V
C527	1-126-052-11	s	CAP, ELECT	100	20%	50V
C528	1-126-052-11	s	CAP, ELECT	100	20%	50V
C529	1-126-052-11	s	CAP, ELECT	100	20%	50V
C530	1-124-482-11	s	CAP, ELECT	33	20%	35N
C531	1-124-482-11	s	CAP, ELECT	33	20%	35V
C532	1-124-482-11	s	CAP, ELECT	33	20%	35V
C533	1-124-482-11	s	CAP, ELECT	33	20%	35V
C601	1-124-443-00	s	CAP, ELECT	100	20%	10V
C602	1-124-443-00	s	CAP, ELECT	100	20%	10V
C603	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C604	1-124-443-00	s	CAP, ELECT	100	20%	10V
C605	1-124-443-00	s	CAP, ELECT	100	20%	10V
C606	1-104-150-00	s	CAP, STYROL	680P	5%	125V
C607	1-131-350-00	s	CAP, TANT	3.3	10%	35V
C608	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C609	1-124-477-11	s	CAP, ELECT	47	20%	25V
C610	1-124-477-11	s	CAP, ELECT	47	20%	25V
C611	1-107-202-00	s	CAP, MICA	10P	5%	500V
C612	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C613	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C614	1-136-233-11	s	CAP, FILM	0.0047	3%	I00V
C616	1-107-159-00	s	CAP, MICA	33P	5%	500V
C618	1-107-202-00	s	CAP, MICA	10P	5%	500V
C619	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C620	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C621	1-107-202-00	s	CAP, MICA	10P	5%	500V
C622	1-124-824-51	s	CAP, ELECT	47	20%	16V

Ref. No.	Parts No.	SP	Description			
C625	1-124-824-51	s	CAP, ELECT	47	20%	16V
C626	1-126-052-11	s	CAP, ELECT	100	20%	50V
C627	1-126-052-11	s	CAP, ELECT	100	20%	50V
C628	1-126-052-11	s	CAP, ELECT	100	20%	50V
C629	1-126-052-11	s	CAP, ELECT	100	20%	50V
C630	1-124-482-11	s	CAP, ELECT	33	20%	35V
C631	1-124-482-11	s	CAP, ELECT	33	20%	35V
C632	1-124-482-11	s	CAP, ELECT	33	20%	35V
C633	1-124-482-11	s	CAP, ELECT	33	20%	35V
C701	1 124-443-00	s	CAP ELECT	100	20%	10V
C702	1-124-443-00	s	CAP, ELECT	100	20%	10V
C703	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C704	1-124-443-00	s	CAP, ELECT	100	20%	10V
C705	1-124-443-00	s	CAP, ELECT	100	20%	10V
C706	1-104-150-00	s	CAP, STYROL	680P	5%	125V
C707	1-131-350-00	s	CAP, TANT	3.3	10%	35V
C708	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C709	1-124-477-11	s	CAP, ELECT	47	20%	25V
C710	1-124-477-11	s	CAP, ELECT	47	20%	25V
C711	1-107-202-00	s	CAP, MICA	10P	5%	500V
C712	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C713	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C714	1-136-233-11	s	CAP, FILM	0.0047	3%	100V
C716	1-107-159-00	s	CAP, MICA	33P	5%	500V
C718	1-107-202-00	s	CAP, MICA	10P	5%	500V
C719	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C720	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C721	1-107-202-00	s	CAP, MICA	10P	5%	500V
C722	1-124-824-51	s	CAP, ELECT	47	20%	16V
C725	1-124-824-51	s	CAP, ELECT	47	20%	16V
C726	1-126-052-11	s	CAP, ELECT	100	20%	50V
C727	1-126-052-11	s	CAP, ELECT	100	20%	50V
C728	1-126-052-11	s	CAP, ELECT	100	20%	50V
C729	1-126-052-11	s	CAP,ELECT	100	20%	50V
C730	1-124-482-11	s	CAP, ELECT	33	20%	35V
C731	1-124-482-11	s	CAP, ELECT	33	20%	35V
C732	1-124-482-11	s	CAP, ELECT	33	20%	35V
C733	1-124-482-11	s	CAP, ELECT	33	20%	35V
C801	1-124-443-00	s	CAP, ELECT	100	20%	10V
C802	1-124-443-00	s	CAP, ELECT	100	20%	10V
C803	1-101-004-00	s	CAP, CERAMIC	0.01	50V	
C804	1-124-443-00	s	CAP, ELECT	100	20%	10V
C805	1-124-443-00	s	CAP, ELECT	100	20%	10V
C806	1-104-150-00	s	CAP, FILM	680P	5%	125V
C807	1-131-350-00	s	CAP, TANT	3.3	10%	35V
C808	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C809	1-124-477-11	s	CAP, ELECT	47	20%	25V
C810	1-124-477-11	s	CAP, ELECT	47	20%	25V
C811	1-107-202-00	s	CAP, MICA	10P	5%	500V
C812	1-101-004-00	s	CAP, CERAMIC	0.01		50V

Ref. No.	Parts No.	SP	Description			
C813	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C814	1-136-233-11	s	CAP, FILM	0.0047	3%	100V
C816	1-107-159-00	s	CAP, MICA	33P	5%	500V
C818	1-107-202-00	s	CAP, MICA	10P	5%	500V
C819	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C820	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C821	1-107-202-00	s	CAP, MICA	10P	5%	500V
C822	1-124-824-51	s	CAP, ELECT	47	20%	16V
C825	1-124-824-51	s	CAP, ELECT	47	20%	16V
C826	1-126-052-11	s	CAP, ELECT	100	20%	50V
C827	1-126-052-11	s	CAP, ELECT	100	20%	50V
C828	1-126-052-11	s	CAP, ELECT	100	20%	50V
C829	1-126-052-11	s	CAP, ELECT	100	20%	50V
C830	1-124-482-11	s	CAP, ELECT	33	20%	35V
C831	1-124-482-11	s	CAP, ELECT	33	20%	35V
C832	1-124-482-11	s	CAP, ELECT	33	20%	35V
C833	1-124-482-11	s	CAP, ELECT	33	20%	35V
CN1	1-565-207-21	s	CONNECTOR, (MALE)128P			
CN2	1-565-207-21	s	CONNECTOR, (MALE)128P			
D1 to D8	8-719-812-43	s	DIODE TLG124A			
D9	8-719-815-85	s	DIODE 1S1585			
D10	8-719-815-85	s	DIODE 1S1585			
D101	8-719-815-85	s	DIODE 1S1585			
D102	8-719-815-85	s	DIODE 1S1585			
D103	8-719-815-85	s	DIODE 1S1585			
D104	8-719-815-85	s	DIODE 1S1585			
D105	8-719-815-85	s	DIODE 1S1585			
D106	8-719-921-11	s	DIODE HZ2ALL			
D107	8-719-921-11	s	DIODE HZ2ALL			
D108	8-719-815-85	s	DIODE 1S1585			
D109	8-719-815-85	s	DIODE 1S1585			
D110	8-719-921-11	s	DIODE HZ2ALL			
D111	8-719-921-11	s	DIODE HZ2ALL			
D112	8-719-815-85	s	DIODE 1S1585			
D113	8-719-815-85	s	DIODE 1S1585			
D114	8-719-815-85	s	DIODE 1S1585			
D115	8-719-815-85	s	DIODE 1S1585			
D116	8-719-815-85	s	DIODE 1S1585			
D201	8-719-815-85	s	DIODE 1S1585			
D202	8-719-815-85	s	DIODE 1S1585			
D203	8-719-815-85	s	DIODE 1S1585			
D204	8-719-815-85	s	DIODE 1S1585			
D205	8-719-815-85	s	DIODE 1S1585			
D206	8-719-921-11	s	DIODE HZ2ALL			
D207	8-719-921-11	s	DIODE HZ2ALL			
D208	8-719-815-85	s	DIODE 1S1585			
D209	8-719-815-85	s	DIODE 1S1585			
D210	8-719-921-11	s	DIODE HZ2ALL			
D211	8-719-921-11	s	DIODE HZ2ALL			

Ref. No.	Parts No.	SP	Description
D212	8-719-815-85	s	DIODE 1S1585
D213	8-719-815-85	s	DIODE 1S1585
D214	8-719-815-85	s	DIODE 1S1585
D215	8-719-815-85	s	DIODE 1S1585
D216	8-719-815-85	s	DIODE 1S1585
D301	8-719-815-85	s	DIODE 1S1585
D302	8-719-815-85	s	DIODE 1S1585
D303	8-719-815-85	s	DIODE 1S1585
D304	8-719-815-85	s	DIODE 1S1585
D305	8-719-815-85	s	DIODE 1S1585
D306	8-719-921-11	s	DIODE HZ2ALL
D307	8-719-921-11	s	DIODE HZ2ALL
D308	8-719-815-85	s	DIODE 1S1585
D309	8-719-815-85	s	DIODE 1S1585
D310	8-719-921-11	s	DIODE HZ2ALL
D311	8-719-921-11	s	DIODE HZ2ALL
D312	8-719-815-85	s	DIODE 1S1585
D313	8-719-815-85	s	DIODE 1S1585
D314	8-719-815-85	s	DIODE 1S1585
D315	8-719-815-85	s	DIODE 1S1585
D316	8-719-815-85	s	DIODE 1S1585
D401	8-719-815-85	s	DIODE 1S1585
D402	8-719-815-85	s	DIODE 1S1585
D403	8-719-815-85	s	DIODE 1S1585
D404	8-719-815-85	s	DIODE 1S1585
D405	8-719-815-85	s	DIODE 1S1585
D406	8-719-921-11	s	DIODE HZ2ALL
D407	8-719-921-11	s	DIODE HZ2ALL
D408	8-719-815-85	s	DIODE 1S1585
D409	8-719-815-85	s	DIODE 1S1585
D410	8-719-921-11	s	DIODE HZ2ALL
D411	8-719-921-11	s	DIODE HZ2ALL
D412	8-719-815-85	s	DIODE 1S1585
D413	8-719-815-85	s	DIODE 1S1585
D414	8-719-815-85	s	DIODE 1S1585
D415	8-719-815-85	s	DIODE 1S1585
D416	8-719-815-85	s	DIODE 1S1585
D501	8-719-815-85	s	DIODE 1S1585
D502	8-719-815-85	s	DIODE 1S1585
D503	8-719-815-85	s	DIODE 1S1585
D504	8-719-815-85	s	DIODE 1S1585
D505	8-719-815-85	s	DIODE 1S1585
D506	8-719-921-11	s	DIODE HZ2ALL
D507	8-719-921-11	s	DIODE HZ2ALL
D508	8-719-815-85	s	DIODE 1S1585
D509	8-719-815-85	s	DIODE 1S1585
D510	8-719-921-11	s	DIODE HZ2ALL
D511	8-719-921-11	s	DIODE HZ2ALL
D512	8-719-815-85	s	DIODE 1S1585
D513	8-719-815-85	s	DIODE 1S1585

Ref. No.	Parts No.	SP	Description
D514	8-719-815-85	s	DIODE 1S1585
D515	8-719-815-85	s	DIODE 1S1585
D516	8-719-815-85	s	DIODE 1S1585
D601	8-719-815-85	s	DIODE 1S1585
D602	8-719-815-85	s	DIODE 1S1585
D603	8-719-815-85	s	DIODE 1S1585
D604	8-719-815-85	s	DIODE 1S1585
D605	8-719-815-85	s	DIODE 1S1585
D606	8-719-921-11	s	DIODE HZ2ALL
D607	8-719-921-11	s	DIODE HZ2ALL
D608	8-719-815-85	s	DIODE 1S1585
D609	8-719-815-85	s	DIODE 1S1585
D610	8-719-921-11	s	DIODE HZ2ALL
D611	8-719-921-11	s	DIODE HZ2ALL
D612	8-719-815-85	s	DIODE 1S1585
D613	8-719-815-85	s	DIODE 1S1585
D614	8-719-815-85	s	DIODE 1S1585
D615	8-719-815-85	s	DIODE 1S1585
D616	8-719-815-85	s	DIODE 1S1585
D701	8-719-815-85	s	DIODE 1S1585
D702	8-719-815-85	s	DIODE 1S1585
D703	8-719-815-85	s	DIODE 1S1585
D704	8-719-815-85	s	DIODE 1S1585
D705	8-719-815-85	s	DIODE 1S1585
D706	8-719-921-11	s	DIODE HZ2ALL
D707	8-719-921-11	s	DIODE HZ2ALL
D708	8-719-815-85	s	DIODE 1S1585
D709	8-719-815-85	s	DIODE 1S1585
D710	8-719-921-11	s	DIODE HZ2ALL
D711	8-719-921-11	s	DIODE HZ2ALL
D712	8-719-815-85	s	DIODE 1S1585
D713	8-719-815-85	s	DIODE 1S1585
D714	8-719-815-85	s	DIODE 1S1585
D715	8-719-815-85	s	DIODE 1S1585
D716	8-719-815-85	s	DIODE 1S1585
D801	8-719-815-85	s	DIODE 1S1585
D802	8-719-815-85	s	DIODE 1S1585
D803	8-719-815-85	s	DIODE 1S1585
D804	8-719-815-85	s	DIODE 1S1585
D805	8-719-815-85	s	DIODE 1S1585
D806	8-719-921-11	s	DIODE HZ2ALL
D807	8-719-921-11	s	DIODE HZ2ALL
D808	8-719-815-85	s	DIODE 1S1585
D809	8-719-815-85	s	DIODE 1S1585
D810	8-719-921-11	s	DIODE HZ2ALL
D811	8-719-921-11	s	DIODE HZ2ALL
D812	8-719-815-85	s	DIODE 1S1585
D813	8-719-815-85	s	DIODE 1S1585
D814	8-719-815-85	s	DIODE 1S1585
D815	8-719-815-85	s	DIODE 1S1585
D816	8-719-815-85	s	DIODE 1S1585

Ref. No.	Parts No.	SP	Description
FL101	1-236-127-11	s	FICTER, LOW PASS
FL201	1-236-127-11	s	FILTER, LOW PASS
FL301	1-236-127-11	s	FILTER, LOW PASS
FL401	1-236-127-11	s	FILTER, LOW PASS
FL501	1-236-127-11	s	FILTER, LOW PASS
FL601	1-236-127-11	s	FILTER, LOW PASS
FL701	1-236-127-11	s	FILTER, LOW PASS
FL801	1-236-127-11	s	FILTER, LOW PASS
IC101	8-759-981-32	s	IC PCM56P-JS-1
IC102	8-759-140-53	s	IC UPD4053BC
IC103	8-759-900-72	s	IC NE5532P
IC104	8-759-602-18	s	IC M5219L
IC201	8-759-981-32	s	IC PCM56P-JS-1
IC202	8-759-140-53	s	IC UPD4053BC
IC203	8-759-900-72	s	IC NE5532P
IC204	8-759-602-18	s	IC M5219L
IC301	8-759-981-32	s	IC PCM56P-JS-1
IC302	8-759-140-53	s	IC UPD4053BC
IC303	8-759-900-72	s	IC NE5532P
IC304	8-759-602-18	s	IC M5219L
IC401	8-759-981-32	s	IC PCM56P-JS-1
IC402	8-759-140-53	s	IC UPD4053BC
IC403	8-759-900-72	s	IC NE5532P
IC404	8-759-602-18	s	IC M5219L
IC501	8-759-981-32	s	IC PCDD56P-JS-1
IC502	8-759-140-53	s	IC UPD4053BC
IC503	8-759-900-72	s	IC NE5532P
IC504	8-759-602-18	s	IC M5219L
IC601	8-759-981-32	s	IC PCM56P-JS-1
IC602	8-759-140-53	s	IC UPD4053BC
IC603	8-759-900-72	s	IC NE5532P
IC604	8-759-602-18	s	IC M5219L
IC701	8-759-981-32	s	IC PCM56P-JS-1
IC702	8-759-140-53	s	IC UPD4053BC
IC703	8-759-900-72	s	IC NE5532P
IC704	8-759-602-18	s	IC M5219L
IC801	8-759-981-32	s	IC PCM56P-JS-1
IC802	8-755-140-53	s	IC UPD4053BC
IC803	8-759-900-72	s	IC NE5532P
IC804	8-759-602-18	s	IC M5219L
ICA2	8-759-001-63	s	IC MC74HC595N
ICA3	8-759-916-14	s	IC SN74HC04AN
ICA4	8-759-916-14	s	IC SN74HC04AN
ICB3	8-759-945-76	s	IC DASH009G (Up to Serial No.10400)
	8-759-983-30	s	IC DASH009AG (Serial No.10401 and higher)

Ref. No.	Parts No.	SP	Description
ICC3	8-759-945-76	s	IC DASH009G (Up to Serial No.10400)
	8-759-983-30	s	IC DASH009AG (Serial No.10401 and higher)
ICD2	8-759-785-73	s	IC AM27S29A-ADA3V1 (Up to Serial No.10400 only)
ICD3	8-759-785-72	s	IC AM27S29A-ADA2V1 (Up to Serial No.10400 only)
ICD4	8-759-785-71	s	IC AM27S521A-ADA1V1 (Up to Serial No.10400 only)
ICE3	8-759-945-76	s	IC DASH009G (Up to Serial No.10400)
	8-759-983-30	s	IC DASH009AG (Serial No.10401 and higher)
ICF3	8-759-945-75	s	IC DASH009G (Up to Serial No.10400)
	8-759-983-30	s	IC DASH009AG (Sirial No10401 and hlgher)
ICG2	8-759-902-92	s	IC SN74LS541N
ICH1	8-759-904-77	s	IC AM26LS32ACN
ICH2	8-759-902-92	s	IC SN74LS541N
ICI1	8-759-916-29	s	IC SN74HC74AN
ICI2	8-759-900-32	s	IC SN74LS32N
ICJ1	8-759-901-63	s	IC SN74LS163AN
ICJ2	8-759-901-38	s	IC SN74L5138N
ICK4	8-719-902-56	s	DIODE PC817
ICK5	8-759-982-38	s	RC7905FA
L1	1-409-309-00	s	COIL, SN 72UH
L2	1-409-309-00	s	COIL, SN 72UH
L3	1-459-882-11	s	COIL, CHOKE
Q1	8-729-902-11	s	TRANSISTOR 2SC2021
Q2	8-729-902-11	s	TRANSISTOR 2SC2021
Q3	8-729-902-11	s	TRANSISTOR 2SC2021
Q4	8-729-205-96	s	TRANSISTOR 2SC3668
Q101	8-729-993-72	s	TRANSIaTOR 2SA937
Q102	8-729-800-44	s	TRANSISTOR 2SK152-4
Q106	8-729-205-96	s	TRANSISTOR 2SC3668
Q107	8-729-205-95	s	TRANSISTOR 2SA1428-Y
Q111	8-729-205-96	s	TRANSISTOR 2SC3668
Q112	8-729-205-95	s	TRANSISTOR 2SA1428-Y
Q201	8-729-993-72	s	TRANSISTOR 2SA937
Q202	8-729-800-44	s	TRANSISTOR 2SK152-4
Q206	8-729-205-96	s	TRANSISTOR 2SC3668
Q207	8-729-205-95	s	TRANSISTOR 2SA1428-Y
Q211	8-729-205-96	s	TRANSISTOR 2SC3668
Q212	8-729-205-95	s	TRANSISTOR 2SA1428-Y
Q301	8-729-993-72	s	TRANSISTOR 2SA937
Q302	8-729-800-44	s	TRANSISTOR 2SK152-4
Q306	8-729-205-96	s	TRANSISTOR 2SC3668
Q307	8-729-205-95	s	TRANSISTOR 2SA1428-Y

Ref. No.	Parts No.	SP	Description			
Q311	8-729-205-96	s	TRANSISTOR 2SC3668			
Q312	8-729-205-95	s	TRANSISTOR 2SA1428-Y			
Q401	8-729-993-72	s	TRANSISTOR 2SA937			
Q402	8-729-800-44	s	TRANSISTOR 2SK152-4			
Q406	8-729-205-96	s	TRANSISTOR 2SC3668			
Q407	8-729-205-95	s	TRANSISTOR 2SA1428-Y			
Q411	8-729-205-96	s	TRANSISTOR 2SC3668			
Q412	8-729-205-95	s	TRANSISTOR 2SA1428-Y			
Q501	8-729-993-72	s	TRANSISTOR 2SA937			
Q502	8-729-800-44	s	TRANSISTOR 2SK152-4			
Q506	8-729-205-96	s	TRANSiSTOR 2SC3668			
Q507	8-729-205-95	s	TRANSISTOR 2SA1428-Y			
Q511	8-729-205-96	s	TRANSISTOR 2SC3668			
Q512	8-729-205-95	s	TRANSISTOR 2SA1428-Y			
Q601	8-129-993-72	s	TRANSISTOR 2SA937			
Q602	8-729-800-44	s	TRANSIS10R 25K152-4			
Q606	8-729-205-96	s	TRANSISTOR 2SC3668			
Q607	8-729-205-95	s	TRANSISTDR 2SA1428-Y			
Q611	8-729-205-96	s	TRANSISTOR 2SC3668			
Q612	8-729-205-95	s	TRANSISTOR 2SA1428-Y			
Q701	8-729-993-72	s	TRANSISTOR 2SA937			
Q702	8-729-800-44	s	TRANSISTOR 2SK152-4			
Q706	8-729-205-96	s	TRANSISTOR 2SC3668			
Q707	8-729-205-95	s	TRANSISTOR 2SA1428-Y			
Q711	8-729-205-96	s	TRANSISTOR 2SC3668			
Q712	8-729-205-95	s	TRANSISTOR 2SA1428-Y			
Q801	8-729-993-72	s	TRANSISTOR 2SA937			
Q802	8-729-800-44	s	TRANSISTOR 2SK152-4			
Q806	8-729-205-96	s	TRANSISTOR 2SC3668			
Q807	8-729-205-95	s	TRANSISTOR 2SA1428-Y			
Q811	8-729-205-96	s	TRANSISTOR 2SC3668			
Q812	8-729-205-95	s	TRANSISTOR 2SA1428-Y			
R1	1-249-441-11	s	RES, CARBON	100K	5%	1/4W
R2	1-249-441-11	s	RES, CARBON	100K	5%	1/4W
R3	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R4	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R5	1-249-417-11	s	RES, CARBON	1K	5%	1/4W
R6	1-249-417-11	s	RES, CARBON	1K	5%	1/4W
R7,	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
8			(Up to Serial No.10400 only)			
R11	1-249-423-11	s	RES, CARBON	3.3K	5%	1/4W
R12	1-249-421-11	s	RES, CARBON	2.2K	5%	1/4W
R13	1-249-421-11	s	RES, CARBON	2.2K	5%	1/4W
R14	1-249-432-11	s	RES, CARBON	18K	5%	1/4W
R15	1-249-421-11	s	RES, CARBON	2.2K	5%	1/4W
R18	1-249-435-11	s	RES, CARBON	33K	5%	1/4W
R101	1-215-477-00	s	RES, METAL	220K	1%	1/4W
R102	1-249-390-11	s	RES, CARBON	5.6K	5%	1/4W
R103	1-247-901-11	s	RES, CARBON	820K	5%	1/4W
R104	1-215-485-00	s	RES, METAL	470K	1%	1/4W
R105	1-215-455-00	s	RES, METAL	27K	1%	1/4W
R106	1-215-429-00	s	RES, METAL	2.2K	1%	1/4W
R107	1-215-441-00	s	RES, METAL	6.8K	1%	1/4W

Ref. No.	Parts No.	SP	Description			
R108	1-215-449-00	s	RES, METAL	15K	1%	1/4W
R109	1-215-421-00	s	RES, METAL	1K	1%	1/4W
R110	1-215-429-00	s	RES, METAL	2.2K	1%	1/4W
R111	1-247-895-00	s	RES, CARBON	470K	5%	1/4W
R112	1-215-451-00	s	RES, METAL	18K	1%	1/4W
R113	1-215-449-00	s	RES, METAL	15K	1%	1/4W
R114	1-249-440-00	s	RES, CARBON	82K	5%	1/4W
R115	1-215-417-00	s	RES, METAL	680K	1%	1/4W
R116	1-249-440-11	s	RES, CARBON	82K	5%	1/4W
R117	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R118	1-215-437-00	s	RES, METAL	4.7K	1%	1/4W
R119	1-249-441-11	s	RES, CARBON	100K	5%	1/4W
R120	1-215-437-00	s	RES, METAL	4.7K	1%	1/4W
R121	1-215-448-00	s	RES, METAL	13K	1%	1/4W
R122	1-215-439-00	s	RES, METAL	5.6K	1%	1/4W
R123	1-215-446-00	s	RES, METAL	11K	1%	1/4W
R124	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
R125	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
R126	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
R127	1-215-447-00	s	RES, METAL	12K	1%	1/4W
R128	1-215-447-00	s	RES, METAL	12K	1%	1/4W
R129	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
R130	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
R131	1-249-394-11	s	RES, CARBON	12	5%	1/4W
R132	1-249-394-11	s	RES, CARBON	12	5%	1/4W
R133	1-249-394-11	s	RES, CARBON	12	5%	1/4W
R134	1-249-394-11	s	RES, CARBON	12	5%	1/4W
R135	1-247-731-11	s	RES, CARBON	22	5%	1/2W
R136	1-247-731-11	s	RES, CARBON	22	5%	1/2W
R137	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
R138	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
R139	1-249-413-11	s	RES, CARBON	470	5%	1/4W
R146	1-215-425-00	s	RES, METAL	1.5K	1%	1/4W
R147	1-249-417-11	s	RES, CARBON	1K	5%	1/4W
R148	1-215-437-00	s	RES, METAL	4.7K	1%	1/4W
R149	1-249-390-11	s	RES, CARBON	56	5%	1/4W
R139	1-215-477-00	s	RES, METAL	220K	1%	1/4W
R202	1-249-390-11	s	RES, CARBON	5.6	5%	1/4W
R203	1-247-901-11	s	RES, CARBON	820K	5%	1/4W
R204	1-215-485-00	s	RES, METAL	470K	1%	1/4W
R205	1-215-455-00	s	RES, METAL	27K	1%	1/4W
R206	1-215-429-00	s	RES, METAL	2.2K	1%	1/4W
R207	1-215-441-00	s	RES, METAL	6.8K	1%	1/4W
R208	1-215-449-00	s	RES, METAL	15K	1%	1/4W
R209	1-215-421-00	s	RES, METAL	1K	1%	1/4W
R210	1-215-429-00	s	RES, METAL	2.2K	1%	1/4W
R211	1-247-895-00	s	RES, CARBON	470K	5%	1/4W
R212	1-215-451-00	s	RES, METAL	18K	1%	1/4W
R213	1-215-449-00	s	RES, METAL	15K	1%	1/4W
R214	1-249-440-11	s	RES, CARBON	82K	5%	1/4W
R215	1-215-417-00	s	RES, METAL	680	1%	1/4W
R216	1-249-440-11	s	RES, CARBON	82K	5%	1/4W
R217	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R218	1-215-437-00	s	RES, METAL	4.7K	1%	1/4W
R219	1-249-441-11	s	RES, CARBON	100K	5%	1/4W

Ref. No.	Parts No.	SP	Description			
R220	1-215-437-00	s	RES, METAL	4.7K	1%	1/4W
R221	1-215-448-00	s	RES, METAL	13K	1%	1/4W
R222	1-215-439-00	s	RES, METAL	5.6K	1%	1/4W
R223	1-215-446-00	s	RES, METAL	11K	1%	1/4W
R224	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
R225	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
R226	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
R227	1-215-447-00	s	RES, METAL	12K	1%	1/4W
R228	1-215-447-00	s	RES, METAL	12K	1%	1/4W
R229	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
R230	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
R231	1-249-394-11	s	RES, CARBON	12	5%	1/4W
R232	1-249-394-11	s	RES, CARBON	12	5%	1/4W
R233	1-249-394-11	s	RES, CARBON	12	5%	1/4W
R234	1-249-394-11	s	RES, CARBON	12	5%	1/4W
R235	1-247-731-11	s	RES, CARBON	22	5%	1/2W
R236	1-247-731-11	s	RES, CARBON	22	5%	1/2W
R237	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
R238	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
R239	1-249-413-11	s	RES, CARBON	470	5%	1/4W
R246	1-215-425-00	s	RES, METAL	1.5K	1%	1/4W
R247	1-249-417-11	s	RES, CARBON	1K	5%	1/4W
R248	1-215-437-00	s	RES, METAL	4.7K	1%	1/4W
R249	1-249-390-11	s	RES, CARBON	5.6	5%	1/4W
R301	1-215-477-00	s	RES, METAL	220K	1%	1/4W
R302	1-249-390-11	s	RES, CARBON	5.6	5%	1/4W
R303	1-247-901-11	s	RES, CARBON	820K	5%	1/4W
R304	1-215-485-00	s	RES, METAL	470K	1%	1/4W
R305	1-215-455-00	s	RES, METAL	27K	1%	1/4W
R306	1-215-429-00	s	RES, METAL	2.2K	1%	1/4W
R307	1-215-441-00	s	RES, METAL	6.8K	1%	1/4W
R308	1-215-449-00	s	RES, METAL	15K	1%	1/4W
R309	1-215-421-00	s	RES, METAL	1K	1%	1/4W
R310	1-215-429-00	s	RES, METAL	2.2K	1%	1/4W
R311	1-247-895-00	s	RES, CARBON	470K	5%	1/4W
R312	1-215-451-00	s	RES, METAL	18K	1%	1/4W
R313	1-215-449-00	s	RES, METAL	15K	1%	1/4W
R314	1-249-440-11	s	RES, CARBON	82K	5%	1/4W
R315	1-215-417-00	s	RES, METAL	680	1%	1/4W
R316	1-249-440-11	s	RES, CARBON	82K	5%	1/4W
R317	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R318	1-215-437-00	s	RES, METAL	4.7K	1%	1/4W
R319	1-249-441-11	s	RES, CARBON	100K	5%	1/4W
R320	1-215-437-00	s	RES, METAL	4.7K	1%	1/4W
R321	1-215-448-00	s	RES, METAL	13K	1%	1/4W
R322	1-215-439-00	s	RES, METAL	5.6K	1%	1/4W
R323	1-215-446-00	s	RES, METAL	11K	1%	1/4W
R324	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
R325	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
R326	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
R327	1-215-447-00	s	RES, METAL	12K	1%	1/4W
R328	1-215-447-00	s	RES, METAL	12K	1%	1/4W
R329	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
R330	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
R331	1-249-394-11	s	RES, CARBON	12	5%	1/4W
R332	1-249-394-11	s	RES, CARBON	12	5%	1/4W
R333	1-249-394-11	s	RES, CARBON	12	5%	1/4W
R334	1-249-394-11	s	RES, CARBON	12	5%	1/4W
R335	1-247-731-11	s	RES, CARBON	22	5%	1/2W
R336	1-249-394-11	s	RES, CARBON	22	5%	1/2W
R337	1-249-394-11	s	RES, CARBON	4.7K	5%	1/4W
R338	1-249-394-11	s	RES, CARBON	4.7K	5%	1/4W
R339	1-249-394-11	s	RES, CARBON	470	5%	1/4W
R346	1-247-731-11	s	RES, METAL	1.5K	5%	1/4W
R347	1-249-417-11	s	RES, CARBON	22	5%	1/2W
R348	1-215-437-00	s	RES, METAL	4.7K	5%	1/4W
R349	1-249-390-11	s	RES, CARBON	4.7K	5%	1/4W
R401	1-215-477-00	s	RES, METAL	470	5%	1/4W
R402	1-249-390-11	s	RES, CARBON	1.5K	5%	1/4W
R403	1-249-417-11	s	RES, CARBON	820K	5%	1/4W
R404	1-215-437-00	s	RES, METAL	470K	1%	1/4W
R405	1-249-390-11	s	RES, METAL	27K	1%	1/4W
R406	1-215-477-00	s	RES, METAL	2.2K	1%	1/4W
R407	1-249-390-11	s	RES, METAL	6.8K	1%	1/4W
R408	1-215-449-00	s	RES, METAL	15K	1%	1/4W
R409	1-215-421-00	s	RES, METAL	1K	1%	1/4W
R410	1-215-429-00	s	RES, METAL	2.2K	1%	1/4W
R411	1-247-895-00	s	RES, CARBON	470K	5%	1/4W
R412	1-215-451-00	s	RES, METAL	18K	1%	1/4W
R413	1-215-449-00	s	RES, METAL	15K	1%	1/4W
R414	1-249-440-11	s	RES, CARBON	82K	5%	1/4W
R415	1-215-417-00	s	RES, METAL	680K	1%	1/4W
R416	1-249-440-11	s	RES, CARBON	82K	5%	1/4W
R417	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R418	1-215-437-00	s	RES, METAL	4.7K	1%	1/4W
R419	1-249-441-11	s	RES, CARBON	100K	5%	1/4W
R420	1-215-437-00	s	RES, METAL	4.7K	1%	1/4W
R421	1-215-448-00	s	RES, METAL	13K	1%	1/4W
R422	1-215-439-00	s	RES, METAL	5.6K	1%	1/4W
R423	1-215-446-00	s	RES, METAL	11K	1%	1/4W
R424	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
R425	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
R426	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
R427	1-215-447-00	s	RES, METAL	12K	1%	1/4W
R428	1-215-447-00	s	RES, METAL	12K	1%	1/4W
R429	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
R430	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
R431	1-249-394-11	s	RES, CARBON	12	5%	1/4W
R432	1-249-394-11	s	RES, CARBON	12	5%	1/4W
R433	1-249-394-11	s	RES, CARBON	12	5%	1/4W

Ref. No.	Parts No.	SP	Description			
R434	1-249-394-11	s	RES, CARBON	12	5%	1/4W
R435	1-247-731-11	s	RES, CARBON	22	5%	1/4W
R436	1-247-731-11	s	RES, CARBON	22	5%	1/4W
R437	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
R438	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
R439	1-249-413-11	s	RES, CARBON	470	5%	1/4W
R446	1-215-425-00	s	RES, METAL	1.5K	1%	1/4W
R447	1-249-417-11	s	RES, CARBON	1K	5%	1/4W
R448	1-249-425-11	s	RES, METAL	4.7K	1%	1/4W
R449	1-249-390-11	s	RES, CARBON	5.6	5%	1/4W
R501	1-215-477-00	s	RES, METAL	2.2K	5%	1/4W
R502	1-249-390-11	s	RES, CARBON	5.6	5%	1/4W
R503	1-247-901-11	s	RES, CARBON	820K	5%	1/4W
R504	1-215-485-00	s	RES, METAL	4.70K	1%	1/4W
R505	1-215-455-00	s	RES, METAL	27K	1%	1/4W
R506	1-215-429-00	s	RES, METAL	2.2K	1%	1/4W
R507	1-215-441-11	s	RES, METAL	6.8K	1%	1/4W
R508	1-215-449-00	s	RES, METAL	15K	1%	1/4W
R509	1-215-421-00	s	RES, METAL	1K	1%	1/4W
R510	1-215-429-00	s	RES, METAL	2.2K	1%	1/4W
R511	1-247-895-00	s	RES, CARBON	470K	5%	1/4W
R512	1-215-451-00	s	RES, METAL	18K	1%	1/4W
R513	1-215-449-00	s	RES, METAL	15K	1%	1/4W
R514	1-215-417-11	s	RES, CARBON	82K	5%	1/4W
R515	1-215-417-00	s	RES, METAL	680	1%	1/4W
R516	1-249-440-11	s	RES, CARBON	82K	5%	1/4W
R517	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R518	1-215-437-00	s	RES, METAL	4.7K	1%	1/4W
R519	1-249-441-11	s	RES, CARBON	100K	5%	1/4W
R520	1-215-437-00	s	RES, METAL	4.7K	1%	1/4W
R521	1-215-448-00	s	RES, METAL	13K	1%	1/4W
R522	1-215-439-00	s	RES, METAL	5.6K	1%	1/4W
R523	1-215-446-00	s	RES, METAL	11K	1%	1/4W
R524	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
R525	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
R526	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
R527	1-215-447-00	s	RES, METAL	12K	1%	1/4W
R528	1-215-447-00	s	RES, METAL	12K	1%	1/4W
R529	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
R530	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
R531	1-249-394-11	s	RES, CARBON	12	5%	1/4W
R532	1-249-394-00	s	RES, CARBON	12	5%	1/4W
R533	1-249-394-00	s	RES, CARBON	12	5%	1/4W
R534	1-249-394-11	s	RES, CARBON	12	5%	1/4W
R535	1-247-731-11	s	RES, CARBON	22	5%	1/4W
R536	1-247-731-11	s	RES, CARBON	22	5%	1/4W
R537	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
R538	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
R539	1-249-413-11	s	RES, CARBON	470	5%	1/4W
R546	1-215-425-11	s	RES, METAL	1.5K	1%	1/4W

Ref. No.	Parts No.	SP	Description			
R547	1-249-417-11	s	RES, CARBON	1K	5%	1/4W
R548	1-215-437-11	s	RES, METAL	4.7K	1%	1/4W
R549	1-249-390-11	s	RES, CARBON	5.6	5%	1/4W
R601	1-215-477-11	s	RES, METAL	220K	1%	1/4W
R602	1-249-390-11	s	RES, CARBON	5.6	5%	1/4W
R603	1-247-901-11	s	RES, CARBON	820K	5%	1/4W
R604	1-215-485-00	s	RES, METAL	470K	1%	1/4W
R605	1-215-455-00	s	RES, METAL	27K	1%	1/4W
R606	1-215-429-00	s	RES, METAL	2.2K	1%	1/4W
R607	1-215-441-00	s	RES, METAL	6.8K	1%	1/4W
R608	1-215-449-00	s	RES, METAL	15K	1%	1/4W
R609	1-215-421-00	s	RES, METAL	1K	1%	1/4W
R610	1-215-429-00	s	RES, METAL	2.2K	1%	1/4W
R611	1-247-895-00	s	RES, CARBON	470K	5%	1/4W
R612	1-215-451-00	s	RES, METAL	18K	1%	1/4W
R613	1-215-449-00	s	RES, METAL	15K	1%	1/4W
R614	1-249-440-11	s	RES, CARBON	82K	5%	1/4W
R615	1-215-417-00	s	RES, METAL	680	1%	1/4W
R616	1-249-440-11	s	RES, CARBON	82K	5%	1/4W
R617	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R618	1-215-437-00	s	RES, METAL	4.7K	1%	1/4W
R619	1-249-441-11	s	RES, CARBON	100K	5%	1/4W
R620	1-215-437-00	s	RES, METAL	4.7K	1%	1/4W
R621	1-215-448-00	s	RES, METAL	13K	1%	1/4W
R622	1-215-439-00	s	RES, METAL	5.6K	1%	1/4W
R623	1-215-446-00	s	RES, METAL	11K	1%	1/4W
R624	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
R625	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
R626	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
R627	1-215-447-00	s	RES, METAL	12K	1%	1/4W
R628	1-215-447-00	s	RES, METAL	12K	1%	1/4W
R629	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
R630	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
R631	1-249-394-11	s	RES, CARBON	12	5%	1/4W
R632	1-249-394-11	s	RES, CARBON	12	5%	1/4W
R633	1-249-394-11	s	RES, CARBON	12	5%	1/4W
R634	1-249-394-11	s	RES, CARBON	12	5%	1/4W
R635	1-247-731-11	s	RES, CARBON	22	5%	1/2W
R636	1-247-731-11	s	RES, CARBON	22	5%	1/2W
R637	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
R638	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
R639	1-249-413-11	s	RES, CARBON	470	5%	1/4W
R646	1-215-425-00	s	RES, METAL	1.5K	1%	1/4W
R647	1-249-417-11	s	RES, CARBON	1K	5%	1/4W
R637	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
R638	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
R639	1-249-413-11	s	RES, CARBON	470	5%	1/4W
R646	1-215-425-00	s	RES, METAL	1.5K	1%	1/4W
R647	1-249-417-11	s	RES, CARBON	1K	5%	1/4W
R648	1-215-425-11	s	RES, METAL	4.7K	1%	1/4W

Ref. No.	Parts No.	SP	Description			
R649	1-249-425-11	s	RES, CARBON	5.6	5%	1/4W
R701	1-215-413-11	s	RES, METAL	2.2K	1%	1/4W
R702	1-249-425-00	s	RES, CARBON	5.6	5%	1/4W
R703	1-247-417-11	s	RES, CARBON	820K	5%	1/4W
R704	1-215-485-00	s	RES, METAL	470K	1%	1/4W
R705	1-215-455-00	s	RES, METAL	27K	1%	1/4W
R706	1-215-429-00	s	RES, METAL	2.2K	1%	1/4W
R707	1-215-441-00	s	RES, METAL	6.8K	1%	1/4W
R708	1-215-449-00	s	RES, METAL	15K	1%	1/4W
R709	1-215-421-00	s	RES, METAL	1K	1%	1/4W
R710	1-215-429-00	s	RES, METAL	2.2K	1%	1/4W
R711	1-247-895-00	s	RES, CARBON	470K	5%	1/4W
R712	1-215-451-00	s	RES, METAL	18K	1%	1/4W
R713	1-215-449-00	s	RES, METAL	15K	1%	1/4W
R714	1-249-440-00	s	RES, CARBON	82K	5%	1/4W
R715	1-215-417-00	s	RES, METAL	680	1%	1/4W
R716	1-249-440-00	s	RES, CARBON	82K	5%	1/4W
R717	1-249-429-00	s	RES, CARBON	10K	5%	1/4W
R718	1-215-437-00	s	RES, METAL	4.7K	1%	1/4W
R719	1-249-441-11	s	RES, CARBON	100K	5%	1/4W
R720	1-215-437-00	s	RES, METAL	4.7K	1%	1/4W
R721	1-215-448-00	s	RES, METAL	13K	1%	1/4W
R722	1-215-439-00	s	RES, METAL	5.6K	1%	1/4W
R723	1-215-446-00	s	RES, METAL	11K	1%	1/4W
R724	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
R725	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
R726	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
R727	1-215-447-00	s	RES, METAL	12K	1%	1/4W
R728	1-215-447-00	s	RES, METAL	12K	1%	1/4W
R729	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
R730	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
R731	1-249-394-11	s	RES, CARBON	12	5%	1/4W
R732	1-249-394-11	s	RES, CARBON	12	5%	1/4W
R733	1-249-394-11	s	RES, CARBON	12	5%	1/4W
R734	1-249-394-11	s	RES, CARBON	12	5%	1/4W
R735	1-247-731-11	s	RES, CARBON	22	5%	1/4W
R736	1-247-731-11	s	RES, CARBON	22	5%	1/2W
R737	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
R738	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
R739	1-249-413-11	s	RES, CARBON	470	5%	1/4W
R746	1-215-425-00	s	RES, METAL	1.5K	1%	1/4W
R747	1-249-417-11	s	RES, CARBON	1K	5%	1/4W
R748	1-215-437-00	s	RES, METAL	4.7K	1%	1/4W
R749	1-249-390-11	s	RES, CARBON	5.6K	5%	1/4W
R801	1-215-477-00	s	RES, METAL	220K	1%	1/4W
R802	1-249-390-11	s	RES, CARBON	5.6	5%	1/4W
R803	1-247-901-11	s	RES, CARBON	820K	5%	1/4W
R804	1-215-485-00	s	RES, METAL	470K	1%	1/4W
R805	1-215-455-00	s	RES, METAL	27K	1%	1/4W
R806	1-215-429-00	s	RES, METAL	2.2K	1%	1/4W
R807	1-215-441-11	s	RES, METAL	6.8K	1%	1/4W
R808	1-215-449-11	s	RES, METAL	15K	1%	1/4W
R809	1-215-421-00	s	RES, METAL	1K	1%	1/4W
R810	1-215-429-00	s	RES, METAL	2.2K	1%	1/4W
R811	1-247-895-00	s	RES, CARBON	470K	5%	1/4W

Ref. No.	Parts No.	SP	Description			
R812	1-215-451-11	s	RES, METAL	18K	1%	1/4W
R813	1-215-449-11	s	RES, METAL	15K	1%	1/4W
R814	1-249-440-00	s	RES, CARBON	82K	5%	1/4W
R815	1-215-417-00	s	RES, METAL	680	1%	1/4W
R816	1-249-440-11	s	RES, CARBON	82K	5%	1/4W
R817	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R818	1-215-437-00	s	RES, METAL	4.7K	1%	1/4W
R819	1-249-441-11	s	RES, CARBON	100K	5%	1/4W
R820	1-215-437-00	s	RES, METAL	4.7K	1%	1/4W
R821	1-215-448-00	s	RES, METAL	13K	1%	1/4W
R822	1-215-439-00	s	RES, METAL	5.6K	1%	1/4W
R823	1-215-446-00	s	RES, METAL	11K	1%	1/4W
R824	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
R825	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
R826	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
R827	1-215-447-00	s	RES, METAL	12K	1%	1/4W
R828	1-215-447-00	s	RES, METAL	12K	1%	1/4W
R829	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
R830	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
R831	1-249-394-11	s	RES, CARBON	12	5%	1/4W
R832	1-249-394-11	s	RES, CARBON	12	5%	1/4W
R833	1-249-394-11	s	RES, CARBON	12	5%	1/4W
R834	1-249-394-11	s	RES, CARBON	12	5%	1/4W
R835	1-247-731-11	s	RES, CARBON	22	5%	1/2W
R836	1-247-731-11	s	RES, CARBON	22	5%	1/2W
R837	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
R838	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
R839	1-249-413-11	s	RES, CARBON	470	5%	1/4W
R846	1-215-425-00	s	RES, METAL	1.5K	1%	1/4W
R847	1-249-417-11	s	RES, CARBON	1K	5%	1/4W
R848	1-215-437-00	s	RES, METAL	4.7K	1%	1/4W
R849	1-249-390-11	s	RES, CARBON	5.6	5%	1/4W
RB1	1-235-196-00	s	RES BLOCK 100K×8			
RB2	1-235-196-00	s	RES BLOCK 100K×8			
RB3	1-235-196-00	s	RES BLOCK 100K×8			
RB4, 5,6	1-235-195-00	s	RES BLOCK 10K×8 (Up to Serial No.10400 only)			
RB7	1-235-331-11	s	RES BLOCK 220K×8			
RB8	1-235-195-00	s	RES BLOCK 10K×8			
RB9	1-235-195-00	s	RES BLOCK 10K×8			
RV101	1-237-520-21	s	RES, ADJ, CERMET 50K			
RV102	1-237-748-21	s	RES, ADJ, CERMET 2K			
RV201	1-237-520-21	s	RES, ADJ, CERMET 50K			
RV202	1-230-748-21	s	RES, ADJ, CERMET 2K			
RV301	1-237-520-21	s	RES, ADJ, CERMET 50K			
RV302	1-230-748-21	s	RES, ADJ, CERMET 2K			
RV401	1-237-520-21	s	RES, ADJ, CERMET 50K			
RV402	1-230-748-21	s	RES, ADJ, CERMET 2K			
RV501	1-237-520-21	s	RES, ADJ, CERMET 50K			
RV502	1-230-748-21	s	RES, ADJ, CERMET 2K			
RV601	1-237-520-21	s	RES, ADJ, CERMET 50K			
RV602	1-230-748-21	s	RES, ADJ, CERMET 2K			
RV701	1-237-520-21	s	RES, ADJ, CERMET 50K			
RV702	1-230-748-21	s	RES, ADJ, CERMET 2K			
RV801	1-237-520-21	s	RES, ADJ, CERMET 50K			

Ref. No.	Parts No.	SP	Description			
RV802	1-230-748-21	s	RES, ADJ, CERMET 2K			
RY101	1-515-622-11	s	RELAY			
RY201	1-515-622-11	s	RELAY			
RY301	1-515-622-11	s	RELAY			
RY401	1-515-622-11	s	RELAY			
RY501	1-515-622-11	s	RELAY			
RY601	1-515-622-11	s	RELAY			
RY701	1-515-622-11	s	RELAY			
RY801	1-515-622-11	s	RELAY			

DET-6 BOARD

Ref. No.	Parts No.	SP	Description			
-	A-7850-656-A	o	COMPLETE PCB, DET-6			

(This assembly includes the following parts.)

Ref. No.	Parts No.	SP	Description			
-	3-714-634-11	o	LEVER, PC BOARD			
-	7-626-320-11	o	PIN, SPRING 3×8			
-	7-682-546-04	s	SCREW +B 3×5			
-	7-685-546-04	s	SCREW +BTP 3×8			
-	9-911-840-99	s	SPACER (A)			
C103	1-136-167-00	s	CAP, FILM	0.15	5%	50V
C104	1-126-157-11	s	CAP, ELECT	10	20%	16V
C105	1-126-157-11	s	CAP, ELECT	10	20%	16V
C106	1-136-160-00	s	CAP, FILM	0.039	5%	50V
C107	1-136-162-00	s	CAP, FILM	0.056	5%	50V
C108	1-136-162-00	s	CAP, FILM	0.056	5%	50V
C110	1-136-162-00	s	CAP, FILM	0.056	5%	50V
C112	1-101-884-00	s	CAP, CERAMIC	56P	5%	50V
C114	1-101-884-00	s	CAP, CERAMIC	56P	5%	50V
C115	1-136-167-00	s	CAP, FILM	0.15	5%	50V
C116	1-126-157-11	s	CAP, ELECT	10	20%	16V
C117	1-102-115-00	s	CAP, CERAMIC	560P	10%	50V
C118	1-126-157-11	s	CAP, ELECT	10	20%	16V
C119	1-102-115-00	s	CAP, CERAMIC	560P	10%	50V
C122 to C124	1-126-157-11	s	CAP, ELECT	10	20%	16V
C156	1-102-950-00	s	CAP, CERAMIC	13P	5%	50V
C157	1-102-950-00	s	CAP, CERAMIC	13P	5%	50V
C203	1-136-167-00	s	CAP, FILM	0.15	5%	50V
C204	1-126-157-11	s	CAP, ELECT	10	20%	16V
C205	1-126-157-11	s	CAP, ELECT	10	20%	16V
C206	1-136-160-00	s	CAP, FILM	0.039	5%	50V
C207	1-136-162-00	s	CAP, FILM	0.056	5%	50V
C208	1-136-162-00	s	CAP, FILM	0.056	5%	50V
C210	1-136-162-00	s	CAP, FILM	0.056	5%	50V
C212	1-101-884-00	s	CAP, CERAMIC	56P	5%	50V
C214	1-101-884-00	s	CAP, CERAMIC	56P	5%	50V
C215	1-136-167-00	s	CAP, FILM	0.15	5%	50V
C216	1-126-157-11	s	CAP, ELECT	10	20%	16V
C217	1-102-115-00	s	CAP, CERAMIC	560P	10%	50V
C218	1-126-157-11	s	CAP, ELECT	10	20%	16V

Ref. No.	Parts No.	SP	Description			
C219	1-102-115-00	s	CAP, CERAMIC	560P	10%	50V
C222 to C224	1-126-157-11	s	CAP, ELECT	10	20%	16V
C256	1-102-950-00	s	CAP, CERAMIC	13P	5%	50V
C257	1-102-950-00	s	CAP, CERAMIC	13P	5%	50V
C303	1-136-167-00	s	CAP, FILM	0.15	5%	50V
C304	1-126-157-11	s	CAP, ELECT	10	20%	16V
C305	1-126-157-11	s	CAP, ELECT	10	20%	16V
C306	1-136-167-00	s	CAP, FILM	0.039	5%	50V
C307	1-136-162-00	s	CAP, FILM	0.056	5%	50V
C308	1-136-162-00	s	CAP, FILM	0.056	5%	50V
C310	1-136-162-00	s	CAP, FILM	0.056	5%	50V
C312	1-101-884-00	s	CAP, CERAMIC	56P	5%	50V
C313	1-126-157-11	s	CAP, ELECT	10	20%	16V
C314	1-101-884-00	s	CAP, CERAMIC	56P	5%	50V
C315	1-136-167-00	s	CAP, FILM	0.15	5%	50V
C316	1-126-157-11	s	CAP, ELECT	10	20%	16V
C317	1-102-115-00	s	CAP, CERAMIC	560P	10%	50V
C318	1-126-157-11	s	CAP, ELECT	10	20%	16V
C319	1-102-115-00	s	CAP, CERAMIC	560P	10%	50V
C322 to C324	1-126-157-11	s	CAP, ELECT	10	20%	16V
C356	1-102-950-00	s	CAP, CERAMIC	13P	5%	50V
C357	1-102-950-00	s	CAP, CERAMIC	13P	5%	50V
C403	1-136-167-00	s	CAP, FILM	0.15	5%	50V
C404	1-126-157-11	s	CAP, ELECT	10	20%	16V
C405	1-126-157-11	s	CAP, ELECT	10	20%	16V
C406	1-136-160-00	s	CAP, FILM	0.039	5%	50V
C407	1-136-162-00	s	CAP, FILM	0.056	5%	50V
C408	1-136-162-00	s	CAP, FILM	0.056	5%	50V
C410	1-136-162-00	s	CAP, FILM	0.056	5%	50V
C412	1-101-884-00	s	CAP, CERAMIC	56P	5%	50V
C414	1-101-884-00	s	CAP, CERAMIC	56P	5%	50V
C415	1-136-167-00	s	CAP, FILM1	0.15	5%	50V
C416	1-126-157-11	s	CAP, ELECT	10	20%	16V
C417	1-102-115-00	s	CAP, CERAMIC	560P	10%	50V
C418	1-126-157-11	s	CAP, ELECT	10	20%	16V
C419	1-102-115-00	s	CAP, CERAMIC	560P	10%	50V
C422 to C424	1-126-157-11	s	CAP, ELECT	10	20%	16V
C456	1-102-950-00	s	CAP, CERAMIC	13P	5%	50V
C457	1-102-950-00	s	CAP, CERAMIC	13P	5%	50V
C503	1-136-167-00	s	CAP, FILM	0.15	5%	50V
C504	1-126-157-11	s	CAP, ELECT	10	20%	16V
C505	1-126-157-11	s	CAP, ELECT	10	20%	16V
C506	1-136-160-00	s	CAP, FILM	0.039	5 %	50V
C507	1-136-162-00	s	CAP, FILM	0.056	5%	50V
C508	1-136-162-00	s	CAP, FILM	0.056	5%	50V
C510	1-136-162-00	s	CAP, FILM	0.056	5%	50V
C512	1-101-884-00	s	CAP, CERAMIC	56P	5%	50V
C514	1-101-884-00	s	CAP, CERAMIC	56P	5%	50V
C515	1-136-167-00	s	CAP, FILM	0.15	5%	50V
C516	1-126-157-11	s	CAP, ELECT	10	20%	16V

Ref. No.	Parts No.	SP	Description			
C517	1-102-115-00	s	CAP CERAMIC	560P	10%	50V
C518	1-126-157-11	s	CAP, ELECT	10	20%	16V
C519	1-102-115-00	s	CAP, CERAMIC	560P	10	50V
C522 to C524	1-126-157-11	s	CAP, ELECT	10	20%	16V
C556	1-102-950-00	s	CAP, CERAMIC	20P	5 %	50V
C557	1-102-950-00	s	CAP, CERAMIC	13P	5%	50V
C603	1-136-167-00	s	CAP, FILM	0.15	5%	50V
C604	1-126-157-11	s	CAP, ELECT	10	20%	16V
C605	1-126-157-11	s	CAP, ELECT	10	20%	16V
C606	1-136-160-00	s	CAP, FILM	0.039	5%	50V
C607	1-136-162-00	s	CAP, FILM	0.056	5%	50V
C608	1-136-162-00	s	CAP, FILM	0.056	5%	50V
C610	1-136-162-00	s	CAP, FILM	0.056	5%	50V
C612	1-101-884-00	s	CAP, CERAMIC	56P	5%	50V
C614	1-101-884-00	s	CAP, CERAMIC	56P	5%	50V
C615	1-136-167-00	s	CAP, FILM	0.15	5%	50V
C616	1-126-157-11	s	CAP, ELECT	10	20%	16V
C617	1-102-115-00	s	CAP, CERAMIC	560P	10%	50V
C618	1-126-157-11	s	CAP, ELECT	10	20%	16V
C619	1-102-115-00	s	CAP, CERAMIC	560P	10%	50V
C622 to C624	1-126-157-11	s	CAP, ELECT	10	20%	16V
C656	1-102-950-00	s	CAP, CERAMIC	13P	5%	50V
C657	1-102-950-00	s	CAP, CERAMIC	13P	5%	50V
C703	1-136-167-00	s	CAP, FILM	0.15	5%	50V
C704	1-126-157-11	s	CAP, ELECT	10	20%	16V
C705	1-126-157-11	s	CAP, ELECT	10	20%	16V
C706	1-136-160-00	s	CAP, FILM	0.039	5 %	50V
C707	1-136-162-00	s	CAP, FILM	0.056	5%	50V
C708	1-136-162-00	s	CAP, FILM	0.056	5%	50V
C710	1-136-162-00	s	CAP, FILM	0.056	5%	50V
C712	1-1Q1-884-00	s	CAP, CERAMIC	56P	5%	50V
C714	1-101-884-00	s	CAP, CERAMIC	56P	5%	50V
C715	1-136-167-00	s	CAP, FILM	0.15	5%	50V
C716	1-126-157-11	s	CAP, ELECT	10	20%	16V
C717	1-102-115-00	s	CAP, CERAMIC	560P	10%	50V
C718	1-126-157-11	s	CAP, ELECT	10	20%	16V
C719	1-102-115-00	s	CAP, CERAMIC	560P	10%	50V
C722 to C724	1-126-157-11	s	CAP, ELECT	10	20%	16V
C756	1-102-950-00	s	CAP, CERAMIC	13P	5%	50V
C757	1-102-950-00	s	CAP, CERAMIC	13P	5%	50V
C803	1-136-167-00	s	CAP, FILM	0.15	5%	50V
C804	1-126-157-11	s	CAP, ELECT	10	20%	16V
C805	1-126-157-11	s	CAP, ELECT	10	20%	16V
C806	1-136-160-00	s	CAP, FILM	0.039	5%	50V
C807	1-136-162-00	s	CAP, FILM	0.056	5%	50V
C808	1-136-162-00	s	CAP, FILM	0.056	5%	50V
C810	1-136-162-00	s	CAP, FILM	0.056	5%	50V
C812	1-101-884-00	s	CAP, CERAMIC	56P	5%	50V
C814	1-101-884-00	s	CAP, CERAMIC	56P	5%	50V
C815	1-136-167-00	s	CAP, FILM	0.15	5%	50V
C816	1-126-157-11	s	CAP, ELECT	10	20%	16V

Ref. No.	Parts No.	SP	Description			
C817	1-102-115-00	s	CAP, CERAMIC	560P	10%	50V
C818	1-126-157-11	s	CAP, ELECT	10	20%	16V
C819	1-102-115-00	s	CAP, CERAMIC	560P	10%	50V
C822 to C824	1-126-157-11	s	CAP, ELECT	10	20%	16V
C856	1-102-950-00	s	CAP, CERAMIC	13P	5%	50V
C857	1-102-950-00	s	CAP, CERAMIC	13P	5%	50V
C903	1-136-167-00	s	CAP, FILM	0.15	5%	50V
C904	1-126-157-11	s	CAP, ELECT	10	20%	16V
C905	1-126-157-11	s	CAP, ELECT	10	20%	16V
C906	1-136-160-00	s	CAP, FILM	0.039	5%	50V
C907	1-136-162-00	s	CAP, FILM	0.056	5 %	50V
C908	1-136-162-00	s	CAP, FILM	0.056	5%	50V
C910	1-136-162-00	s	CAP, FILM	0.056	5%	50V
C912	1-101-884-00	s	CAP, CERAMIC	56P	5%	50V
C914	1-101-884-00	s	CAP, CERAMIC	56P	5%	50V
C915	1-136-167-00	s	CAP, FILM	0.15	5%	50V
C916	1-126-157-11	s	CAP, ELECT	10	20%	16V
C917	1-102-115-00	s	CAP, CERAMIC	560P	10%	50V
C918	1-126-157-11	s	CAP, ELECT	10	20%	16V
C919	1-102-115-00	s	CAP, CERAMIC	560P	10%	50V
C922 to C924	1-126-157-11	s	CAP, ELECT	10	20%	16V
C956	1-102-950-00	s	CAP, CERAMIC	13P	5%	50V
C957	1-102-950-00	s	CAP, CERAMIC	13P	5%	50V
C1003	1-136-167-00	s	CAP, FILM	0.15	5%	50V
C1004	1-126-157-11	s	CAP, ELECT	10	20%	16V
C1005	1-126-157-11	s	CAP, ELECT	10	20%	16V
C1006	1-136-160-00	s	CAP, FIUM	0.039	5%	50V
C1007	1-136-162-00	s	CAP, FILM	0056	5%	50V
C1008	1-136-162-00	s	CAP, FILM	0.056	5%	50V
C1010	1-136-162-00	s	CAP, FILM	0056	5%	50V
C1012	1-101-884-00	s	CAP, CERAMIC	56P	5%	50V
C1014	1-101-884-00	s	CAP, CERAMIC	56P	5%	50V
C1015	1-136-167-00	s	CAP, FILM	0.15	5%	50V
C1016	1-126-157-11	s	CAP, ELECT	10	20%	16V
C1017	1-102-115-00	s	CAP, CERAMIC	560P	10%	50V
C1018	1-126-157-11	s	CAP, EUECT	10	20%	16V
C1019	1-102-115-00	s	CAP, EUECT	560P	10%	50V
C1022 to C1024	1-126-157-11	s	CAP, ELECT	10	20%	16V
C1056	1-102-950-00	s	CAP, CERAMIC	13P	5%	50V
C1057	1-102-950-00	s	CAP, CERAMIC	13P	5%	50V
C1103	1-136-167-00	s	CAP, FILM	0.15	5%	50V
C1104	1-126-157-11	s	CAP, ELECT	10	20%	16V
C1105	1-126-157-11	s	CAP, ELECT	10	20%	16V
C1106	1-136-160-00	s	CAP, FILM	0.039	5%	50V
C1107	1-136-162-00	s	CAP, FILM	0.056	5%	50V
C1108	1-136-162-00	s	CAP, FILM	0.056	5%	50V
C1110	1-136-162-00	s	CAP, FILM	0.056	5%	50V
C1112	1-101-884-00	s	CAP, CERAMIC	56P	5%	50V
C1114	1-101-884-00	s	CAP, CERAMIC	56P	5%	50V
C1115	1-136-167-00	s	CAP, FILM	015	5%	50V

Ref. No.	Parts No.	SP	Description			
C1116	1-126-157-11	s	CAP, ELECT	10	20%	16N
C1117	1-102-115-00	s	CAP, CERAMIC	560P	10%	50V
C1118	1-126-157-11	s	CAP, ELECT	10	20%	16V
C1119	1-102-115-00	s	CAP, CERAMIC	560P	10%	50V
C1122 to C1124	1-126-157-11	s	CAP, E2ECT	10	20%	16V
C1156	1-102-950-00	s	CAP, CERAMIC	13P	5%	50V
C1157	1-102-950-00	s	CAP, CERAMIC	13P	5%	50V
C1203	1-136-167-00	s	CAP, FILM	0.15	5%	50V
C1204	1-126-157-11	s	CAP, ELECT	10	20%	16V
C1205	1-126-157-11	s	CAP, ELECT	10	20%	16V
C1206	1-136-160-00	s	CAP, FILM	0.039	5%	50V
C1207	1-136-162-00	s	CAP, FILM	0.056	5%	50V
C1208	1-136-162-00	s	CAP, FILM	0.056	5%	50V
C1210	1-136-162-00	s	CAP, FILM	0.056	5%	50V
C1212	1-101-884-00	s	CAP, CERAMIC	56P	5%	50V
C1214	1-101-884-00	s	CAP, CERAMIC	56P	5%	50V
C1215	1-136-167-00	s	CAP, FILM	0.15	5%	50V
C1216	1-126-157-11	s	CAP, ELECT	10	20%	16V
C1217	1-102-115-00	s	CAP, CERAMIC	560P	10%	50V
C1218	1-126-157-11	s	CAP, ELECT	10	20%	16V
C1219	1-102-115-00	s	CAP, CERAMIC	560P	10%	50V
C1222 to C1224	1-126-157-11	s	CAP, ELECT	10	20%	16V
C1256	1-102-950-00	s	CAP, CERAMIC	13P	5%	50V
C1257	1-102-950-00	s	CAP, CERAMIC	13P	5%	50V
C 1301	1-124-479-11	s	CAP, ELECT	330	20%	25V
C1302	1-124-479-11	s	CAP, ELECT	330	20%	25V
C1303 to C1306	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C1307	1-124-479-11	s	CAP, ELECT	330	20%	25V
C1308	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C1309 to C1312	1-124-479-11	s	CAP, ELECT	330	20%	25V
C1314	1-126-157-11	s	CAP, ELECT	10	20%	16V
C1315	1-126-157-11	s	CAP, ELECT	10	20%	16V
C1317	1-126-157-11	s	CAP, ELECT	10	20%	16V
C1318	1-136-177-00	s	CAP, FILM	1	5%	50V
C1319	1-136-177-00	s	CAP, FILM	1	5%	50V
C1320	1-126-157-11	s	CAP, ELECT	10	20%	16V
C1322	1-136-177-00	s	CAP, FILM	1	5%	50V
C1323	1-136-177-00	s	CAP, FILM	1	5%	50V
C1324 to C1326	1-126-157-11	s	CAP, ELECT	10	20%	16V
C1328	1-126-157-11	s	CAP, ELECT	10	20%	16V
C1329	1-136-177-00	s	CAP, FILM	1	5%	50V
C1330	1-136-177-00	s	CAP, FILM	1	5%	50V
C1331	1-126-157-11	s	CAP, ELECT	10	20%	16V
C1332	1-126-157-11	s	CAP, ELECT	10	20%	16V
C1335	1-136-177-00	s	CAP, FILM	1	5%	50V

Ref. No.	Parts No.	SP	Description			
C1336	1-136-177-00	s	CAP, FILM	1	5%	50V
C1337	1-126-157-11	s	CAP, ELECT	10	20%	16V
C1338	1-126-157-00	s	CAP, ELECT	10	20%	16V
C1340	1-126-157-11	s	CAP, ELECT	10	20%	16V
C1341	1-136-177-00	s	CAP, FILM	1	5%	50V
C1342	1-136-177-00	s	CAP, FILM	1	5%	50V
C1343	1-126-157-11	s	CAP, ELECT	10	20%	16V
C1345	1-136-177-00	s	CAP, FILM	1	5 %	50V
C1346	1-136-177-00	s	CAP, FILM	1	5%	50V
C1347 to C1350	1-126-157-11	s	CAP, ELECT	10	20%	16V
C1352	1-136-177-00	s	CAP, FILM	1	5%	50V
C1353	1-136-177-00	s	CAP,FILM	1	5%	50V
C1354	1-126-157-11	s	CAP, ELECT	10	20%	16V
C1355	1-126-157-11	s	CAP, ELECT	10	20%	16V
C1358	1-136-177-00	s	CAP, FILM	1	5%	50V
C1359	1-136-177-00	s	CAP, FILM	1	5%	50V
C1360	1-126-157-11	s	CAP, ELECT	10	20%	16V
C1361	1-126-157-11	s	CAP, ELECT	10	20%	16V
C1363	1-126-157-11	s	CAP, ELECT	10	20%	16V
C1364	1-126-157-11	s	CAP, ELECT	10	20%	16V
C1365	1-136-177-00	s	CAP, FILM	1	5%	50V
C1366	1-136-177-00	s	CAP, FILM	1	5%	50V
C1368	1-136-177-00	s	CAP, FILM	1	5%	50V
C1369	1-136-177-00	s	CAP, FILM	1	5%	50V
C1370 to C1373	1-126-157-1	1s	CAP, ELECT	10	20%	16V
C1375	1-136-177-00	s	CAP, FILM	1	5%	50V
C1376	1-136-177-00	s	CAP, FILM	1	5%	50V
C1377	1-126-157-11	s	CAP, ELECT	10	20%	16V
C1378	1-126-157-11	s	CAP, ELECT	10	20%	16V
C1379	1-126-157-11	s	CAP, ELECT	10	20%	16V
C1380	1-136-177-00	s	CAP, FILM	1	5%	50V
C1381	1-136-177-00	s	CAP, FILM	1	5%	50V
CN403	1-565-207-21	s	CONNECTOR, DIN (MALE) 128P			
CN404	1-565-207-21	s	CONNECTOR, DIN (MALE) 128P			
D101 to D104	8-719-911-19	s	DIODE 1SS119			
D201 to D204	8-719-911-19	s	DIODE 1SS119			
D301 to D304	8-719-911-19	s	DIODE 1SS119			
D401 to D404	8-719-911-19	s	DIODE 1SS119			
D501 to D504	8-719-911-19	s	DIODE 1SS119			
D601 to D604	8-719-911-19	s	DIODE 1SS119			
D701 to D704	8-719-911-19	s	DIODE 1SS119			
D801 to D804	8-719-911-19	s	DIODE 1SS119			
D901 to D904	8-719-911-19	s	DIODE 1SS119			
D1001 to D1004	8-719-911-19	s	DIODE 1SS119			

DET-6

Ref. No.	Parts No.	SP	Description
D1101	8-719-911-19	s	DIODE 1SS119
to D1104			
D1201	8-719-911-19	s	DIODE 1SS119
to D1204			
D1301	8-719-911-19	s	DIOGE 1SS119
to D1324			
DL101	1-415-595-11	s	DELAY LINE
DL102	1-415-595-11	s	DELAY LINE
DL201	1-415-595-11	s	DELAY LINE
DL202	1-415-595-11	s	DELAY LINE
DL301	1-415-595-11	s	DELAY LINE
DL302	1-415-595-11	s	DELAY LINE
DL401	1-415-595-11	s	DEUAY LINE
DL402	1-415-595-11	s	DELAY LINE
DL501	1-415-595-11	s	DELAY LINE
DL502	1-415-595-11	s	DELAY LINE
DL601	1-415-595-11	s	DELAY LINE
DL602	1-415-595-11	s	DELAY LINE
DL701	1-415-595-11	s	DELAY LINE
DL702	1-415-595-11	s	DELAY LINE
DL801	1-415-595-11	s	DELAY LINE
DL802	1-415-595-11	s	DELAY LINE
DL901	1-415-595-11	s	DELAY LINE
DL902	1-415-595-11	s	DELAY LINE
DL1001	1-415-595-11	s	DELAY LINE
DL1002	1-415-595-11	s	DELAY LINE
DL1101	1-415-595-11	s	DELAY LINE
DL1102	1-415-595-11	s	DELAY LINE
DL1201	1-415-595-11	s	DELAY LINE
DL1202	1-415-595-11	s	DELAY LINE
IC101	8-759-109-82	s	IC UPC814C
IC102	8-759-000-48	s	IC MC14052BCP
IC103	8-759-109-82	s	IC UPC814C
IC104	8-759-109-82	s	IC UPC814C
IC105	8-759-000-48	s	IC MC14052BCP
IC106	8-759-109-82	s	IC UPC814C
IC201	8-759-109-82	s	IC UPC814C
IC202	8-759-000-48	s	IC MC14052BCP
IC203	8-759-109-82	s	IC UPC814C
IC204	8-759-109-82	s	IC UPC814C
IC205	8-759-000-48	s	IC MC14052BCP
IC206	8-759-109-82	s	IC UPC814C
IC301	8-759-109-82	s	IC UPC814C
IC302	8-759-000-48	s	IC MC14052BCP
IC303	8-759-109-82	s	IC UPC814C
IC304	8-759-109-82	s	IC UPC814C
IC305	8-759-000-48	s	IC MC14052BCP
IC306	8-759-109-82	s	IC UPC814C
IC401	8-759-109-48	s	IC UPC814C
IC402	8-759-000-48	s	IC MC14052BCP

Ref. No.	Parts No.	SP	Description
IC403	8-759-109-82	s	IC UPC814C
IC404	8-759-109-82	s	IC UPC814C
IC405	8-759-000-48	s	IC MC14052BCP
IC406	8-759-109-82	s	IC UPC814C
IC501	8-759-109-82	s	IC UPC814C
IC502	8-759-000-48	s	IC MC14052BCP
IC503	8-719-109-82	s	IC UPC814C
IC504	8-759-109-82	s	IC UPC814C
IC505	8-759-000-48	s	IC MC14052BCP
IC506	8-759-109-82	s	IC UPC814C
IC601	8-759-109-82	s	IC UPC814C
IC602	8-759-000-48	s	IC MC14052BCP
IC603	8-759-109-82	s	IC UPC814C
IC604	8-759-109-82	s	IC UPC814C
IC605	8-759-000-48	s	IC MC14052BCP
IC606	8-759-109-82	s	IC UPC814C
IC701	8-759-109-82	s	IC UPC814C
IC702	8-759-000-48	s	IC MC14052BCP
IC703	8-759-109-82	s	IC UPC814C
IC704	8-759-109-82	s	IC UPC814C
IC705	8-759-000-48	s	IC MC14052BCP
IC706	8-759-109-82	s	IC UPC814C
IC801	8-759-109-82	s	IC UPC814C
IC802	8-759-000-48	s	IC MC14052BCP
IC803	8-759-109-82	s	IC UPC814C
IC804	8-759-109-82	s	IC UPC-814C
IC805	8-759-000-48	s	IC MC14052BCP
IC806	8-759-109-82	s	IC UPC814C
IC901	8-759-109-82	s	IC UPC814C
IC902	8-759-000-48	s	IC MC14052BCP
IC903	8-759-109-82	s	IC UPC814C
IC904	8-759-109-82	s	IC UPC814C
IC905	8-759-000-48	s	IC MC14052BCP
IC906	8-759-109-82	s	IC UPC814C
IC1001	8-759-109-82	s	IC UPC814C
IC1002	8-759-000-48	s	IC MC14052BCP
IC1003	8-759-109-82	s	IC UPC814C
IC1004	8-759-109-82	s	IC UPC814C
IC1005	8-759-000-48	s	IC MC14052BCP
IC1006	8-759-109-82	s	IC UPC814C
IC1101	8-759-109-82	s	IC UPC814C
IC1102	8-759-000-48	s	IC MC14052BCP
IC1103	8-759-109-82	s	IC UPC814C
IC1104	8-759-109-82	s	IC UPC814C
IC1105	8-759-000-48	s	IC MC14052BCP
IC1106	8-759-109-82	s	IC UPC814C
IC1201	8-759-109-82	s	IC UPC814C
IC1202	8-759-000-48	s	IC MC14052BCP
IC1203	8-759-109-82	s	IC UPC814C
IC1204	8-759-109-82	s	IC UPC814C

Ref. No.	Parts No.	SP	Description
IC1205	8-759-000-48	s	IC MC14052BCP
IC1206	8-759-109-82	s	IC UPC814C
IC1301	8-759-982-46	s	IC RC79L08A
IC1302	8-759-982-23	s	IC RC78L08A
IC1303	8-759-900-61	s	IC LM361N
IC1304	8-759-917-05	s	IC SN74HC541AN
IC1305	8-759-900-61	s	IC LM361N
IC1306	8-759-900-61	s	IC LM361N
IC1307	8-759-990-84	s	IC TL684CN
IC1308	8-759-900-61	s	IC LM361N
IC1309	8-759-900-61	s	IC LM361N
IC1310	8-759-917-05	s	IC SN74HC541AN
IC1311	8-759-900-61	s	IC LM361N
IC1312	8-759-900-61	s	IC LM361 N
IC1313	8-759-990-84	s	IC TL084CN
IC1314	8-759-900-61	s	IC LM361N
IC1315	8-759-900-61	s	IC LM361N
IC1316	8-759-917-05	s	IC SN74HC541AN
IC1317	8-759-900-61	s	IC LM361N
IC1318	8-759-900-61	s	IC LM361N
IC1319	8-759-990-84	s	IC TL084CN
IC1320	8-759-900-61	s	IC LM361N
L1301	1-409-339-00	s	COIL, SN
L1302	1-409-335-00	s	COIL, SN
Q101 to Q103	8-229-902-11	s	TRANSISTOR 2SC2021-E
Q201 to Q203	8-729-902-11	s	TRANSISTOR 2SC2021-E
Q301 to Q103	18-229-902-11	s	TRANSISTOR 2SC2021-E
Q207 to Q203	8-729-902-11	s	TRANSISTOR 2SC2021-E
Q301 to 0303	8-729-902-11	s	TRANSISTOR 2SC2021-E
Q401 to Q403	8-729-902-11	s	TRANSISTOR 2SC2021-E
Q501 to Q503	8-729-902-11	s	TRANSISTOR 2SC2021-E
Q601 to Q603	8-729-902-11	s	TRANSISTOR 2SC2021-E
Q701 to Q703	8-729-902-11	s	TRANSISTOR 2SC2021-E
Q801 to Q803	8-729-902-11	s	TRANSISTOR 2SC2021-E
Q901 to Q903	8-729-902-11	s	TRANSISTOR 2SC2021-E
Q1001 t0 Q1003	8-729-902-11	s	TRANSISTOR 2SC2021-E
Q1101 to Q1103	8-729-902-11	s	TRANSISTOR 2SC2021-E
Q1201 to Q1203	8-729-902-11	s	TRANSISTOR 2SC2021-E
Q1301	8-729-901-57	s	TRANSISTOR DTC143XS

Ref. No.	Parts No.	SP	Description			
Q1302	8-729-901-57	s	TRANSISTOR DTC143XS			
R103	1-215-445-00	s	RES, METAL	10K	1%	1/4W
R104	1-215-445-80	s	RES, METAL	10K	1%	1/4W
R105	1-215-421-00	s	RES, METAL	1K	1%	1/4W
R106	1-215-449-00	s	RES, METAL	15K	1%	1/4W
R107	1-215-449-08	s	RES, METAL	15K	1%	1/4W
R108	1-215-453-00	s	RES, METAL	22K	1%	1/4W
R109	1-215-435-00	s	RES, METAL	3.9K	1%	1/4W
R110	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R111	1-215-428-00	s	RES, METAL	2K	1%	1/4W
R112	1-215-453-00	s	RES, METAL	22K	1%	1/4W
R113	1-215-469-06	s	RES, METAL	100K	1%	1/4W
R114	1-215-425-00	s	RES, METAL	1.5K	1%	1/4W
R115	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R116	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R117	1-215-421-00	s	RES, METAL	1K	1%	1/4W
R118	1-215-421-00	s	RES, METAL	1K	1%	1/4W
R119	1-215-476-00	s	RES, METAL	200K	1%	1/4W
R120	1-215-421-00	s	RES, METAL	1K	1%	1/4W
R121	1-247-790-11	s	RES, CARBON	20	5%	1/4W
R122	1-215-465-00	s	RES, METAL	68K	1%	1/4W
R123	1-247-790-11	s	RES, CARBON	20	5%	1/4W
R124	1-215-465-00	s	RES, METAL	68K	1%	1/4W
R125	1-215-440-00	s	RES, METAL	6.2K	1%	1/4W
R126	1-215-432-00	s	RES, METAL	3K	1%	1/4W
R127	1-215-440-00	s	RES, METAL	6.2K	1%	1/4W
R128	1-215-421-00	s	RES, METAL	1K	1%	1/4W
R129	1-215-432-00	s	RES, METAL	3K	1%	1/4W
R130	1-215-432-00	s	RES, METAL	3K	1%	1/4W
R203	1-215-445-00	s	RES, METAL	10K	1%	1/4W
R204	1-215-445-00	s	RES, METAL	10K	1%	1/4W
R205	1-215-421-00	s	RES, METAL	1K	1%	1/4W
R206	1-215-449-00	s	RES, METAL	15K	1%	1/4W
R207	1-215-449-00	s	RES, METAL	15K	1%	1/4W
R208	1-215-453-00	s	RES, METAL	22K	1%	1/4W
R209	1-215-435-00	s	RES, METAL	3.9K	1%	1/4W
R210	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R211	1-215-453-00	s	RES, METAL	2K	1%	1/4W
R212	1-215-453-00	s	RES, METAL	22K	1%	1/4W
R213	1-215-469-00	s	RES, METAL	100K	1%	1/4W
R214	1-215-425-00	s	RES, METAL	1.5K	1%	1/4W
R215	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R216	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R217	1-215-421-00	s	RES, METAL	1K	1%	1/4W
R218	1-215-421-00	s	RES, METAL	1K	1%	1/4W
R219	1-215-476-00	s	RES, METAL	200K	1%	1/4W
R220	1-215-421-00	s	RES, METAL	1K	1%	1/4W
R221	1-247-790-11	s	RES, CARBON	20	5%	1/4W
R222	1-215-465-00	s	RES, METAL	68K	1%	1/4W
R223	1-247-790-11	s	RES, CARBON	20	5%	1/4W
R224	1-215-465-00	s	RES, METAL	68K	1%	1/4W

Ref. No.	Parts No.	SP	Description			
R225	1-215-440-00	s	RES, METAL	6.2K	1%	1/4W
R226	1-215-432-00	s	RES, METAL	3K	1%	1/4W
R227	1-215-440-00	s	RES, METAL	6.2K	1%	1/4W
R228	1-215-421-00	s	RES, METAL	1K	1%	1/4W
R229	1-215-432-00	s	RES, METAL	3K	1%	1/4W
R230	1-215-432-00	s	RES, METAL	3K	1%	1/4W
R303	1-215-445-00	s	RES, METAL	10K	1%	1/4W
R304	1-215-445-00	s	RES, METAL	10K	1%	1/4W
R305	1-215-421-00	s	RES, METAL	1K	1%	1/4W
R306	1-215-449-00	s	RES, METAL	15K	1%	1/4W
R307	1-215-449-00	s	RES, METAL	15K	1%	1/4W
R308	1-215-453-00	s	RES, METAL	22K	1%	1/4W
R309	1-215-435-00	s	RES, METAL	3.9K	1%	1/4W
R310	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R311	1-215-428-00	s	RES, METAL	2K	1%	1/4W
R312	1-215-453-00	s	RES ,METAL	22K	1%	1/4W
R313	1-215-469-00	s	RES, METAL	100K	1%	1/4W
R314	1-215-425-00	s	RES, METAL	1.5K	1%	1/4W
R315	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R316	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R317	1-215-421-00	s	RES, METAL	1K	1%	1/4W
R318	1-215-421-00	s	RES, METAL	1K	1%	1/4W
R319	1-215-476-00	s	RES, METAL	200K	1%	1/4W
R320	1-215-421-00	s	RES, METAL	1K	1%	1/4W
R321	1-247-790-11	s	RES, CARBON	20	5%	1/4W
R322	1-215-465-00	s	RES, METAL	68K	1%	1/4W
R323	1-247-790-11	s	RES, CARBON	20	5%	1/4W
R324	1-215-465-00	s	RES, METAL	68K	1%	1/4W
R325	1-215-440-00	s	RES, METAL	6.2K	1%	1/4W
R326	1-215-432-00	s	RES, METAL	3K	1%	1/4W
R327	1-215-440-00	s	RES, METAL	6.2K	1%	1/4W
R328	1-215-421-00	s	RES, METAL	1K	1%	1/4W
R329	1-215-432-00	s	RES, METAL	3K	1%	1/4W
R330	1-215-432-00	s	RES, METAL	3K	1%	1/4W
R403	1-215-445-00	s	RES, METAL	10K	1%	1/4W
R404	1-215-445-00	s	RES, METAL	10K	1%	1/4W
R405	1-215-421-00	s	RES, METAL	1K	1%	1/4W
R406	1-215-449-00	s	RES, METAL	15K	1%	1/4W
R407	1-215-449-00	s	RES, METAL	15K	1%	1/4W
R408	1-215-453-00	s	RES, METAL	22K	1%	1/4W
R409	1-215-435-00	s	RES, METAL	3.9K	1%	1/4W
R410	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R411	1-215-428-00	s	RES, METAL	2K	1%	1/4W
R412	1-215-453-00	s	RES, METAL	22K	1%	1/4W
R413	1-215-469-00	s	RES, METAL	100K	1%	1/4W
R414	1-215-425-00	s	RES, METAL	1.5K	1%	1/4W
R415	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R416	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R417	1-215-421-00	s	RES, METAL	1K	1%	1/4W
R418	1-215-421-00	s	RES, METAL	1K	1%	1/4W

Ref. No.	Parts No.	SP	Description			
R419	1-215-476-00	s	RES, METAL	200K	1%	1/4W
R420	1-215-421-00	s	RES, METAL	1K	1%	1/4W
R421	1-247-790-11	s	RES, CARBON	20	5%	1/4W
R422	1-215-465-00	s	RES, METAL	68K	1%	1/6W
R423	1-247-790-11	s	RES, CARBON	20	5%	1/4W
R424	1-215-465-00	s	RES, METAL	68K	1%	1/4W
R425	1-215-440-00	s	RES, METAL	6.2K	1%	1/4W
R426	1-215-432-00	s	RES, METAL	3K	1%	1/4W
R427	1-215-440-00	s	RES, METAL	6.2K	1%	1/4W
R428	1-215-421-00	s	RES, METAL	1K	1%	1/4W
R429	1-215-432-00	s	RES, METAL	3K	1%	1/4W
R430	1-215-432-00	s	RES, METAL	3K	1%	1/4W
R503	1-215-445-00	s	RES, METAL	10K	1%	1/4W
R504	1-215-445-00	s	RES, METAL	10K	1%	1/4W
R505	1-215-421-00	s	RES, METAL	1K	1%	1/4W
R506	1-215-449-00	s	RES, METAL	15K	1%	1/4W
R507	1-215-449-00	s	RES, METAL	15K	1%	1/4W
R508	1-215-453-00	s	RES, METAL	22K	1%	1/4W
R509	1-215-435-00	s	RES, METAL	39K	1%	1/4W
R510	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R511	1-215-428-00	s	RES, METAL	2K	1%	1/4W
R512	1-215-453-00	s	RES, METAL	22K	1%	1/4W
R513	1-215-469-00	s	RES, METAL	100K	1%	1/4W
R514	1-215-425-00	s	RES, METAL	1.5K	1%	1/4W
R515	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R516	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R517	1-215-421-00	s	RES, METAL	1K	1%	1/4W
R518	1-215-421-00	s	RES, METAL	1K	1%	1/4W
R519	1-215-476-00	s	RES, METAL	200K	1%	1/4W
R520	1-215-421-00	s	RES, METAL	1K	1%	1/4W
R521	1-247-790-11	s	RES, CARBON	20	5%	1/4W
R522	1-215-465-00	s	RES, METAL	68K	1%	1/4W
R523	1-247-790-11	s	RES, CARBON	20	5%	1/4W
R524	1-215-465-00	s	RES, METAL	68K	1%	1/4W
R525	1-215-440-00	s	RES, METAL	62K	1%	1/4W
R526	1-215-432-00	s	RES, METAL	3K	1%	1/4W
R527	1-215-440-00	s	RES, METAL	6.2K	1%	1/4W
R528	1-215-421-00	s	RES, METAL	1K	1%	1/4W
R529	1-215-432-00	s	RES, METAL	3K	1%	1/4W
R530	1-215-432-00	s	RES, METAL	3K	1%	1/4W
R603	1-215-445-00	s	RES, METAL	10K	1%	1/4W
R604	1-215-445-00	s	RES, METAL	10K	1%	1/4W
R605	1-215-421-00	s	RES, METAL	1K	1%	1/4W
R606	1-215-449-00	s	RES, METAL	15K	1%	1/4W
R607	1-215-449-00	s	RES, METAL	15K	1%	1/4W
R608	1-215-453-00	s	RES, METAL	22K	1%	1/4W
R609	1-215-435-00	s	RES, METAL	3.9K	1%	1/4W
R610	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R611	1-215-428-00	s	RES, METAL	2K	1%	1/4W
R612	1-215-453-00	s	RES, METAL	22K	1%	1/4W

Ref. No.	Parts No.	SP	Description			
R613	1-215-469-00	s	RES, METAL	100K	1%	1/4W
R614	1-215-425-00	s	RES, METAL	1.5K	1%	1/4W
R615	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R616	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R617	1-215-421-00	s	RES, METAL	1K	1%	1/4W
R618	1-215-421-00	s	RES, METAL	1K	1%	1/4W
R619	1-215-476-00	s	RES, METAL	200K	1%	1/4W
R620	1-215-421-00	s	RES, METAL	1K	1%	1/4W
R621	1-247-790-11	s	RES, CARBON	20	5%	1/4W
R622	1-215-465-00	s	RES, METAL	68K	1%	1/4W
R623	1-247-790-11	s	RES, CARBON	20	5%	1/4W
R624	1-215-465-00	s	RES, METAL	68K	1%	1/4W
R625	1-215-440-00	s	RES, METAL	6.2K	1%	1/4W
R626	1-215-432-00	s	RES, METAL	3K	1%	1/4W
R627	1-215-440-00	s	RES, METAL	6.2K	1%	1/4W
R628	1-215-421-00	s	RES, METAL	1K	1%	1/4W
R629	1-215-432-00	s	RES, METAL	3K	1%	1/4W
R630	1-215-432-00	s	RES, METAL	3K	1%	1/4W
R703	1-215-445-03	s	RES, METAL	10K	1%	1/4W
R704	1-275-445-00	s	RES, METAL	10K	1%	1/4W
R705	1-215-421-00	s	RES, METAL	1K	1%	1/4W
R706	1-215-449-00	s	RES, METAL	15K	1%	1/4W
R707	1-215-449-00	s	RES, METAL	15K	1%	1/4W
R708	1-215-453-00	s	RES, METAL	22K	1%	1/4W
R709	1-215-435-00	s	RES, METAL	3.9K	1%	1/4W
R710	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R711	1-215-428-00	s	RES, METAL	2K	1%	1/4W
R712	1-215-453-00	s	RES, METAL	22K	1%	1/4W
R713	1-215-469-00	s	RES, METAL	100K	1%	1/4W
R714	1-215-425-00	s	RES, METAL	1.5K	1%	1/4W
R715	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R716	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R717	1-215-421-00	s	RES, METAL	1K	1%	1/4W
R718	1-215-421-00	s	RES, METAL	1K	1%	1/4W
R719	1-215-476-00	s	RES, METAL	200K	1%	1/4W
R720	1-215-421-00	s	RES, METAL	1K	1%	1/4W
R721	1-247-790-11	s	RES, CARBON	20	5%	1/4W
R722	1-215-465-00	s	RES, METAL	68K	1%	1/4W
R723	1-247-790-11	s	RES, CARBON	20	5%	1/4W
R724	1-215-465-00	s	RES, METAL	68K	1%	1/4W
R725	1-215-440-00	s	RES, METAL	6.2K	1%	1/4W
R726	1-215-432-00	s	RES, METAL	3K	1%	1/4W
R727	1-215-440-00	s	RES, METAL	6.2K	1%	1/4W
R728	1-215-421-00	s	RES, METAL	1K	1%	1/4W
R729	1-215-432-00	s	RES, METAL	3K	1%	1/4W
R730	1-215-432-00	s	RES, METAL	3K	1%	1/4W
R803	1-215-445-00	s	RES, METAL	10K	1%	1/4W
R804	1-215-445-03	s	RES, METAL	10K	1%	1/4W
R805	1-215-421-00	s	RES, METAL	1K	1%	1/4W
R806	1-215-449-00	s	RES, METAL	15K	1%	1/4W
R807	1-215-449-00	s	RES, METAL	5K	1%	1/4W
R808	1-215-453-00	s	RES, METAL	22K	1%	1/4W
R809	1-215-435-00	s	RES, METAL	3.9K	1%	1/4W
R810	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R811	1-215-428-00	s	RES, METAL	2K	1%	1/4W
R812	1-215-453-00	s	RES, METAL	22K	1%	1/4W
R813	1-215-469-00	s	RES, METAL	100K	1%	1/4W
R814	1-215-425-00	s	RES, METAL	1.5K	1%	1/4W
R815	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R816	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R817	1-215-421-00	s	RES, METAL	1K	1%	1/4W
R818	1-215-421-00	s	RES, METAL	1K	1%	1/4W
R819	1-215-476-00	s	RES, METAL	200K	1%	1/4W
R820	1-215-421-00	s	RES, METAL	1K	1%	1/4W
R821	1-247-790-11	s	RES, CARBON	20	5%	1/4W
R822	1-215-465-00	s	RES, METAL	68K	1%	1/4W
R823	1-247-790-11	s	RES, CARBON	20	5%	1/4W
R824	1-215-465-00	s	RES, METAL	68K	1%	1/4W
R825	1-215-440-00	s	RES, METAL	6.2K	1%	1/4W
R826	1-215-432-00	s	RES, METAL	3K	1%	1/4W
R827	1-215-440-00	s	RES, METAL	62K	1%	1/4W
R828	1-215-421-00	s	RES, METAL	1K	1%	1/4W
R829	1-215-432-00	s	RES, METAL	3K	1%	1/4W
R830	1-215-432-30	s	RES, METAL	3K	1%	1/4W
R903	1-215-445-00	s	RES, METAL	10K	1%	1/4W
R904	1-215-445-00	s	RES, METAL	10K	1%	1/4W
R905	1-215-421-00	s	RES, METAL	1K	1%	1/4W
R906	1-215-449-00	s	RES, METAL	15K	1%	1/4W
R907	1-215-449-00	s	RES, METAL	15K	1%	1/4W
R908	1-215-453-00	s	RES, METAL	22K	1%	1/4W
R909	1-215-435-60	s	RES, METAL	3.9K	1%	1/4W
R910	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R911	1-215-428-00	s	RES, METAL	2K	1%	1/4W
R912	1-215-453-00	s	RES, METAL	22K	1%	1/4W
R913	1-215-469-00	s	RES, METAL	100K	1%	1/4W
R914	1-215-425-00	s	RES, METAL	1.5K	1%	1/4W
R915	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R916	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R917	1-215-421-00	s	RES, METAL	1K	1%	1/4W
R918	1-215-421-00	s	RES, METAL	1K	1%	1/4W
R919	1-215-476-00	s	RES, METAL	200K	1%	1/4W
R920	1-215-421-00	s	RES, METAL	1K	1%	1/4W
R921	1-247-790-11	s	RES, CARBON	20	5%	1/4W
R922	1-215-465-00	s	RES, METAL	68K	1%	1/4W
R923	1-247-790-11	s	RES, CARBON	20	5%	1/4W
R924	1-215-465-00	s	RES, METAL	68K	1%	1/4W
R925	1-215-440-00	s	RES, METAL	6.2K	1%	1/4W
R926	1-215-432-00	s	RES, METAL	3K	1%	1/4W
R927	1-215-440-00	s	RES, METAL	6.2K	1%	1/4W
R928	1-215-421-00	s	RES, METAL	1K	1%	1/4W

Ref. No.	Parts No.	SP	Description			
R929	1-215-432-00	s	RES, METAL	3K	1%	1/4W
R930	1-215-432-00	s	RES, METAL	3K	1%	1/4W
R1003	1-215-445-00	s	RES, METAL	10K	1%	1/4W
R1004	1-215-445-00	s	RES, METAL	10K	1%	1/4W
R1005	1-215-421-00	s	RES, METAL	1K	1%	1/4W
R1006	1-215-449-00	s	RES, METAL	15K	1%	1/4W
R1007	1-215-449-00	s	RES, METAL	15K	1%	1/4W
R1008	1-215-453-00	s	RES, METAL	22K	1%	1/4W
R1009	1-215-435-00	s	RES, METAL	3.9K	1%	1/4W
R1010	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R1011	1-215-428-00	s	RES, METAL	2K	1%	1/4W
R1012	1-215-453-00	s	RES, METAL	22K	1%	1/4W
R1013	1-215-469-00	s	RES, METAL	100K	1%	1/4W
R1014	1-215-425-00	s	RES, METAL	1.5K	1%	1/4W
R1015	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R1016	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R1017	1-215-421-00	s	RES, METAL	1K	1%	1/4W
R1018	1-215-421-00	s	RES, METAL	1K	1%	1/4W
R1019	1-215-476-00	s	RES, METAL	200K	1%	1/4W
R1020	1-215-421-00	s	RES, METAL	1K	1%	1/4W
R1021	1-247-790-11	s	RES, CARBON	20	5%	1/4W
R1022	1-215-465-00	s	RES, METAL	68K	1%	1/4W
R1023	1-247-790-11	s	RES, CARBON	20	5%	1/4W
R1024	1-215-465-00	s	RES, METAL	68K	1%	1/4W
R1025	1-215-440-00	s	RES, METAL	6.2K	1%	1/4W
R1026	1-215-432-00	s	RES, METAL	3K	1%	1/4W
R1027	1-215-440-00	s	RES, METAL	6.2K	1%	1/4W
R1028	1-215-421-00	s	RES, METAL	1K	1%	1/4W
R1029	1-215-432-00	s	RES, METAL	3K	1%	1/4W
R1030	1 -215-432-00	s	RES, METAL	3K	1%	1/4W
R1103	1-215-445-00	s	RES, METAL	10K	1%	1/4W
R1104	1-215-445-00	s	RES, METAL	10K	1%	1/4W
R1105	1-215-421-00	s	RES, METAL	1K	1%	1/4W
R1106	1-215-449-00	s	RES, METAL	15K	1%	1/4W
R1107	1-215-449-00	s	RES, METAL	15K	1%	1/4W
R1108	1-215-453-00	s	RES, METAL	22K	1%	1/4W
R1109	1-215-435-00	s	RES, METAL	3.9K	1%	1/4W
R1110	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R1111	1-215-428-00	s	RES, METAL	2K	1%	1/4W
R1112	1-215-453-00	s	RES, METAL	22K	1%	1/4W
R1113	1-215-469-00	s	RES, METAL	100K	1%	1/4W
R1114	1-215-425-00	s	RES, METAL	1.5K	1%	1/4W
R1115	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R1116	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R1117	1-215-421-00	s	RES, METAL	1K	1%	1/4W
R1118	1-215-421-00	s	RES, METAL	1K	1%	1/4W
R1119	1-215-476-00	s	RES, METAL	200K	1%	1/4W
R1120	1-215-421-00	s	RES, METAL	1K	1%	1/4W
R1121	1-247-790-11	s	RES, CARBON	20	5%	1/4W
R1122	1-215-465-00	s	RES, METAL	68K	1%	1/4W

Ref. No.	Parts No.	SP	Description			
R1123	1-247-790-11	s	RES, CARBON	20	5%	1/4W
R1124	1 215-465-00	s	RES, METAL	68K	1%	1/4W
R1125	1-215-440-00	s	RES, METAL	6.2K	1%	1/4W
R1126	1-215-432-00	s	RES, METAL	3K	1%	1/4W
R1127	1-215-440-00	s	RES, METAL	6.2K	1%	1/4W
R1128	1-215-421-00	s	RES, METAL	1K	1%	1/4W
R1129	1-215-432-00	s	RES, METAL	3K	1%	1/4W
R1130	1-215-432-00	s	RES, METAL	3K	1%	1/4W
R1203	1-215-445-00	s	RES, METAL	10K	1%	1/4W
R1204	1-215-445-00	s	RES, METAL	10K	1%	1/4W
R1205	1-215-421-00	s	RES, METAL	1K	1%	1/4W
R1206	1-215-449-00	s	RES, METAL	15K	1%	1/4W
R1207	1-215-449-00	s	RES, METAL	15K	1%	1/4W
R1208	1-215-453-00	s	RES, METAL	22K	1%	1/4W
R1209	1-215-435-00	s	RES, METAL	3.9K	1%	1/4W
R1210	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R1211	1-215-428-00	s	RES, METAL	2K	1%	1/4W
R1212	1-215-453-00	s	RES, METAL	22K	1%	1/4W
R1213	1-215-469-00	s	RES, METAL	100K	1%	1/4W
R1214	1-215-425-00	s	RES, METAL	1.5K	1%	1/4W
R1215	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R1216	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R1217	1-215-421-00	s	RES, METAL	1K	1%	1/4W
R1218	1-215-421-00	s	RES, METAL	1K	1%	1/4W
R1219	1-215-476-00	s	RES, METAL	200K	1%	1/4W
R1220	1-215-421-00	s	RES, METAL	1K	1%	1/4W
R1221	1-247-790-11	s	RES, CARBON	20	5%	1/4W
R1222	1-215-465-00	s	RES, METAL	68K	1%	1/4W
R1223	1-247-790-11	s	RES, CARBON	20	5%	1/4W
R 1224	1-215-465-00	s	RES, METAL	68K	1%	1/4W
R1225	1-215-440-00	s	RES, METAL	6.2K	1%	1/4W
R1226	1-215-432-00	s	RES, METAL	3K	1%	1/4W
R1227	1-215-440-00	s	RES, METAL	6.2K	1%	1/4W
R1228	1-215-421-00	s	RES, METAL	1K	1%	1/4W
R1229	1-215-432-00	s	RES, METAL	3K	1%	1/4W
R1230	1-215-432-00	s	RES, METAL	3K	1%	1/4W
R1301	1-215-432-00	s	RES, METAL	3K	1%	1/4W
R1302	1-215-457-00	s	RES, METAL	33K	1%	1/4W
R1303	1-215-432-00	s	RES, METAL	3K	1%	1/4W
R1304	1-249-417-11	s	RES, CARBON	1K	5%	1/4W
R1305	1-215-457-00	s	RES, METAL	33K	1%	1/4W
R1306	1-215-449-00	s	RES ,METAL	15K	1%	1/4W
R1307	1-215-449-00	s	RES, METAL	15K	1%	1/4W
R1308	1-215-457-00	s	RES, METAL	33K	1%	1/4W
R1309	1-249-417-11	s	RES, CARBON	1K	5%	1/4W
R1310	1-215-432-00	s	RES, METAL	3K	1%	1/4W
R1311	1-215-457-00	s	RES, METAL	33K	1%	1/4W
R1312	1-215-432-00	s	RES, METAL	3K	1%	1/4W
R1313	1-215-442-00	s	RES, METAL	7.5K	1%	1/4W
R1314	1-215-457-00	s	RES, METAL	33K	1%	1/4W

Ref. No.	Parts No.	SP	Description			
R1315	1-215-449-00	s	RES, METAL	15K	1%	1/4W
R1316	1-215-449-00	s	RES, METAL	15K	1%	1/4W
R1317	1-215-457-00	s	RES, METAL	33K	1%	1/4W
R1318	1-215-442-00	s	RES, METAL	7.5K	1%	1/4W
R1319	1-215-432-00	s	RES, METAL	3K	1%	1/4W
R1320	1-215-457-00	s	RES, METAL	33K	1%	1/4W
R1321	1-215-432-00	s	RES,METAL	3K	1%	1/4W
R1322	1-215-442-00	s	RES, METAL	7.5K	1%	1/4W
R1323	1-215-457-00	s	RES, METAL	33K	1%	1/4W
R1324	1-215-449-00	s	RES, METAL	15K	1%	1/4W
R1325	1-215-449-00	s	RES, METAL	15K	1%	1/4W
R1326	1-215-457-00	s	RES, METAL	33K	1%	1/4W
R1327	1-215-442-00	s	RES, METAL	7.5K	1%	1/4W
R1328	1-215-432-00	s	RES, METAL	3K	1%	1/4W
R1329	1-215-457-00	s	RES, METAL	33K	1%	1/4W
R1330	1-249-417-11	s	RES, CARBON	1K	5%	1/4W
R1331	1-215-432-00	s	RES, METAL	3K	1%	1/4W
R1332	1-215-457-00	s	RES, METAL	33K	1%	1/4W
R1333	1-215-449-00	s	RES, METAL	15K	1%	1/4W
R1334	1-215-449-00	s	RES, METAL	15K	1%	1/4W
R1335	1-215-457-00	s	RES, METAL	33K	1%	1/4W
R1336	1-249-417-11	s	RES, CARBON	1K	5%	1/4W
R1337	1-215-432-00	s	RES, METAL	3K	1%	1/4W
R1338	1-215-457-00	s	RES, METAL	33K	1%	1/4W
R1339	1-215-432-00	s	RES, METAL	3K	1%	1/4W
R1340	1-249-417-11	s	RES, CARBON	1K	5%	1/4W
R1341	1-215-457-00	s	RES, METAL	33K	1%	1/4W
R1342	1-215-449-00	s	RES, METAL	15K	1%	1/4W
R1343	1-215-449-00	s	RES, METAL	15K	1%	1/4W
R1344	1-215-457-00	s	RES, METAL	33K	1%	1/4W
R1345	1-249-417-11	s	RES, CARBAN	1K	5%	1/4W
R1346	1-215-432-00	s	RES, METAL	3K	1%	1/4W
R1347	1-215-457-00	s	RES, METAL	33K	1%	1/4W
R1348	1-215-432-00	s	RES, METAL	3K	1%	1/4W
R1349	1-215-442-00	s	RES, METAL	7.5K	1%	1/4W
R1350	1 215-457-00	s	RES, METRL	33K	1%	1/4W
R1351	1-215-449-00	s	RES, METAL	15K	1%	1/4W
R1352	1-215-449-00	s	RES, METAL	15K	1%	1/4W
R1353	1-215-457-00	s	RES, METAL	33K	1%	1/4W
R1354	1-215-442-00	s	RES, METAL	7.5K	1%	1/4W
R1355	1-215-432-00	s	RES, METAL	3K	1%	1/4W
R1356	1-215-457-00	s	RES, METAL	33K	1%	1/4W
R1357	1-215-432-00	s	RES, METAL	3K	1%	1/4W
R1358	1-215-442-00	s	RES, METAL	7.5K	1%	1/4W
R1359	1-215-457-00	s	RES, METAL	33K	1%	1/4W
R1360	1-215-449-00	s	RES, METAL	15K	1%	1/4W
R1361	1-215-449-00	s	RES, METAL	15K	1%	1/4W
R1362	1-215-457-00	s	RES, METAL	33K	1%	1/4W
R1363	1-215-442-00	s	RES, METAL	7.5K	1%	1/4W
R1364	1-215-432-00	s	RES, METAL	3K	1%	1/4W

Ref. No.	Parts No.	SP	Description			
R1365	1-215-457-00	s	RES, METAL	33K	1%	1/4W
R1366	1-249-417-11	s	RES, CARBON	1K	5%	1/4W
R1367	1-215-432-00	s	RES, METAL	3K	1%	1/4W
R1368	1-215-457-00	s	RES, METAL	33K	1%	1/4W
R1369	1-215-449-00	s	RES, METAL	15K	1%	1/4W
R1370	1-215-449-00	s	RES, METAL	15K	1%	1/4W
R1371	1-215-457-00	s	RES, METAL	33K	1%	1/4W
R1372	1-249-417-11	s	RES, CARBON	1K	5%	1/4W
R1373	1-215-432-00	s	RES, METAL	3K	1%	1/4W
R1374	1-215-457-00	s	RES, METAL	33K	1%	1/4W
R1375	1-215-432-00	s	RES, METAL	3K	1%	1/4W
R1376	1-249-417-11	s	RES, CARBON	1K	5%	1/4W
R1377	1-215-457-00	s	RES, METAL	33K	1%	1/4W
R1378	1-215-449-00	s	RES, METAL	15K	1%	1/4W
R1379	1-215-449-00	s	RES, METAL	15K	1%	1/4W
R1381	1-215-457-00	s	RES, METAL	33K	1%	1/4W
R1382	1-249-417-11	s	RES, CARBON	1K	5%	1/4W
R1383	1-215-432-00	s	RES, METAL	3K	1%	1/4W
R1384	1-215-457-00	s	RES, METAL	33K	1%	1/4W
R1385	1-215-432-00	s	RES, METAL	3K	1%	1/4W
R1386	1-215-442-00	s	RES, METAL	7.5K	1%	1/4W
R1387	1-215-457-00	s	RES, METAL	33K	1%	1/4W
R1388	1-215-449-00	s	RES, METAL	15K	1%	1/4W
R1389	1-215-449-00	s	RES, METAL	15K	1%	1/4W
R1390	1-215-457-00	s	RES, METAL	33K	1%	1/4W
R1391	1-215-442-00	s	RES, METAL	7.5K	1%	1/4W
R1392	1-215-432-00	s	RES, METAL	3K	1%	1/4W
R1393	1-215-457-00	s	RES, METAL	33K	1%	1/4W
R1394	1-215-432-00	s	RES, METAL	3K	1%	1/4W
R1395	1-215-442-00	s	RES, METAL	7.5K	1%	1/4W
R1396	1-215-457-00	s	RES, METAL	33K	1%	1/4W
R1397	1-215-449-00	s	RES, METAL	15K	1%	1/4W
R1398	1-215-449-00	s	RES, METAL	15K	1%	1/4W
R1399	1-215-457-00	s	RES, METAL	33K	1%	1/4W
R1400	1-215-442-00	s	RES, METAL	7.5K	1%	1/4W
R1401	1-215-421-00	s	RES, METAL	1K	1%	1/4W
R1402	1-215-421-00	s	RES, METAL	1K	1%	1/4W
R14C3	1-215-432-00	s	RES, METAL	3K	1%	1/4W
R1404	1-215-432-00	s	RES, METAL	3K	1%	1/4W
R1405	1-215-457-00	s	RES, METAL	33K	1%	1/4W
R1406	1-249-417-11	s	RES, METAL	1K	5%	1/4W
R1407	1-215-457-00	s	RES, METAL	33K	1%	1/4W
R1408	1-215-449-00	s	RES, METAL	15K	1%	1/4W
R1409	1-215-449-00	s	RES, METAL	15K	1%	1/4W
R1410	1-215-457-00	s	RES, METAL	33K	1%	1/4W
R1411	1-249-417-11	s	RES, METAL	1K	5%	1/4W
RB1301	1-235-194-00	s	RES BLOCK 4.7K×8			
RB1302	1-235-194-00	s	RES BLOCK 4.7K×8			
RB1303	1-235-194-00	s	RES BLOCK 4.7K×8			

Ref. No.	Parts No.	SP	Description
RV101	1-237-521-21	s	RES, ADJ, CERMET 100K
RV102	1-237-521-21	s	RES, ADJ, CERMET 100K
RV201	1-237-521-21	s	RES, ADJ, CERMET 100K
RV202	1-237-521-21	s	RES, ADJ, CERMET 100K
RV301	1-237-521-21	s	RES, ADJ, CERMET 100K
RV302	1-237-521-21	s	RES, ADJ, CERMET 100K
RV401	1-237-521-21	s	RES, ADJ, CERMET 100K
RV402	1-237-521-21	s	RES, ADJ, CERMET 100K
RV501	1-237-521-21	s	RES, ADJ, CERMET 100K
RV502	1-237-521-21	s	RES, ADJ, CERMET 100K
RV601	1-237-521-21	s	RES, ADJ, CERMET 100K
RV602	1-237-521-21	s	RES, ADJ, CERMET 100K
RV701	1-237-521-21	s	RES, ADJ, CERMET 100K
RV702	1-237-521-21	s	RES, ADJ, CERMET 100K
RV801	1-237-521-21	s	RES, ADJ, CERMET 100K
RV802	1-237-521-21	s	RES, ADJ, CERMET 100K
RV901	1-237-521-21	s	RES, ADJ, CERMET 100K
RV902	1-237-521-21	s	RES, ADJ, CERMET 100K
RV1001	1-237-521-21	s	RES, ADJ, CERMET 100K
RV1002	1-237-521-21	s	RES, ADJ, CERMET 100K
RV1101	1-237-521-21	s	RES, ADJ, CERMET 100K
RV1002	1-237-521-21	s	RES, ADJ, CERMET 100K
RV1201	1-237-521-21	s	RES, ADJ, CERMET 100K
RV1202	1-237-521-21	s	RES, ADJ, CERMET 100K

DIO-5 BOARD

Ref. No.	Parts No.	SP	Description			
-	A-7850-674-A	o	COMPLETE PCB, DIO-5			

(This assembly includes the following parts.)

Ref. No.	Parts No.	SP	Description			
-	3-703-486-00	s	SCREW +PTTWH 3×5			
-	3-714-634-01	o	LEVER, PC BOARD			
-	7-626-320-11	o	PIN, SPRING 3×8			
-	7-685-546-14	s	SCREW +BTP 3×8 TYPE 2			
C1	1-124-360-00	s	CAP, ELECT	000	20%	16V
C2 to C49	1-102-959-00	s	CAP, CERAMIC	22P	5%	50V
C50 to C97	1-101-880-00	s	CAP, CERAMIC	7P	5%	50V
C98 to C156	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C158 to C163	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C165 to C170	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C172	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C173	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C175 to C178	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C180 to C 189	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C201 to C 204	1-102-959-00	s	CAP, CERAMIC	22P	5%	50V

Ref. No.	Parts No.	SP	Description
CN1	1-565-207-11	s	CONNECTOR, DIN (MALE) 128P
CN2	1-565-207-11	s	CONNECTOR, DIN (MALE) 128P
IC1	8-759-107-45	s	IC UPA54HA
IC2	8-759-107-46	s	IC UPA64HA
IC3	8-759-107-45	s	IC UPA54HA
IC4	8-759-107-46	s	IC UPA64HA
IC5	8-759-107-45	s	IC UPA54HA
IC6	8-759-107-46	s	IC UPA64HA
IC7	8-759-107-45	s	IC UPA54HA
IC8	8-759-107-46	s	IC UPA64HA
IC9	8-759-107-45	s	IC UPA54HA
IC10	8-759-107-46	s	IC UPA64HA
IC11	8-759-107-45	s	ICUPA54HA
IC12	8-759-107-46	s	IC UPA64HA
IC13	8-759-107-45	s	IC UPA54HA
IC14	8-759-107-46	s	IC UPA64HA
IC15	8-759-107-45	s	IC UPA54HA
IC16	8-759-107-46	s	IC UPA64HA
IC17	8-759-107-45	s	IC UPA54HA
IC18	8-759-107-46	s	IC UPA64HA
IC19	8-759-107-45	s	IC UPA54HA
IC20	8-759-107-46	s	IC UPA64HA
IC21	8-759-107-45	s	IC UPA54HA
IC22	8-759-107-46	s	IC UPA64HA
IC23	8-759-107-45	s	IC UPA54HA
IC24	8-759-107-46	s	IC UPA64HA
IC25	8-759-107-45	s	IC UPA54HA
IC26	8-759-107-46	s	IC UPA64HA
IC27	8-759-107-45	s	IC UPA54HA
IC28	8-759-107-46	s	IC UPA64HA
IC29	8-759-107-45	s	IC UPA54HA
IC30	8-759-107-46	s	IC UPA64HA
IC31	8-759-107-45	s	IC UPA54HA
IC32	8-759-107-46	s	IC UPA64HA
IC39	8-759-107-45	s	IC UPA54HA
IC34	8-759-107-45	s	IC UPA54HA
IC35	8-759-107-45	s	IC UPA54HA
ICA2	8-759-916-50	s	IC SN74HC157AN
ICA3	8-759-928-36	s	IC MSM74HC279R5
ICA4	8-759-916-50	s	IC SN74HC157AN
ICA5	8-759-928-36	s	IC MSM74HC279R5
ICA6	8-759-916-50	s	IC SN74HC157AN
ICA7	8-759-928-36	s	IC MSM74HC279RS
ICA8	8-759-916-50	s	IC SN74HC157AN
ICA9	8-759-928-36	s	IC MSM74HC279RS
ICA10	8-759-916-50	s	IC SN74HC157AN
ICA11	8-759-928-36	s	IC MSM74HC279RS
ICB1	8-759-916-50	s	IC SN74HC157AN
ICB2	8-759-928-36	s	IC MSM74HC279RS
ICB4	8-759-980-64	s	IC DASH006AQ
ICB6	8-759-980-64	s	IC DASH006AQ
ICB8	8-759-944-75	s	IC DASH007Q

Ref. No.	Parts No.	SP	Description
ICB10	8-759-944-75	s	IC DASH007Q
ICC1	8-759-936-58	s	IC SN74ALS253N
ICC2	8-759-917-06	s	IC SN74HC574AN
ICD1	8-759-936-58	s	IC SN74ALS253N
ICD2	8-759-917-06	s	IC SN74HC574AN
ICD4	8-759-980-64	s	IC DASH006AQ
ICD6	8-759-980-64	s	IC DASH006AQ
ICD8	8-759-944-75	s	IC DASH007Q
ICD10	8-759-944-75	s	IC DASH007Q
ICE1	8-759-936-58	s	IC SN74ALS253N
ICE2	8-759-917-06	s	IC SN74HC574AN
ICE4	8-759-980-64	s	IC DASH006AQ
ICE6	8-759-980-64	s	IC DASH006AQ
ICE8	8-759-944-75	s	IC DASH007Q
ICE10	8-759-944-75	s	IC DASH007Q
ICF1	8-759-921-21	s	IC SN74HC163AN
ICF2	8-759-921-21	s	IC SN74HC163AN
ICF3	8-759-921-21	s	IC SN74HC163AN
ICF4	8-759-917-06	s	IC SN74HC574AN
ICF6	8-759-916-16	s	IC SN74HC08AN
ICF7	8-759-900-69	s	IC SN74ALS74AN
ICF8	8-759-916-25	s	IC SN74HC32AN
ICF9	8-759-904-18	s	IC SN74ALS00AN
ICF10	8-759-921-21	s	IC SN74HC163AN
ICF11	8-759-921-21	s	IC SN74HC163AN
ICG1	8-752-322-10	s	IC CXK5814P-45L
ICG2	8-752-322-10	s	IC CXK5814P-45L
ICG3	8-752-322-10	s	IC CXK5814P-45L
ICG4	8-759-917-06	s	IC SN74HC574AN
ICG5	8-759-936-57	s	IC SN74ALS251N
ICG6	8-759-917-43	s	IC SN74HC138AN
ICG7	8-759-001-87	s	IC MC74F20N
ICG8	8-759-916-16	s	IC SN74HC08AN
ICG9	8-759-916-14	s	IC SN74HC04AN
ICG10	8-759-916-29	s	IC SN74HC74AN
ICG11	8-759-915-93	s	IC 74F163APC
ICH1	8-759-921-21	s	IC SN74HC163AN
ICH2	8-759-921-21	s	IC SN74HC163AN
ICH3	8-759-921-21	s	IC SN74HC163AN
ICH4	8-759-917-06	s	IC SN74HC574AN
ICH5	8-759-926-32	s	IC AM26LS32PC
ICH8	8-759-926-31	s	IC AM26LS31PC
ICH11	8-755-921-21	s	IC SN74HC163AN
ICJ1	8-752-322-10	s	IC CXK5814P-45L
ICJ2	8-752-322-10	s	IC CXK5814P-45L
ICJ3	8-752-322-10	s	IC CXK5814P-45L
ICJ4	8-759-322-10	s	IC SN74HC86AN
ICJ5	8-759-926-32	s	IC AM26LS32PC

Ref. No.	Parts No.	SP	Description
ICJ6	8-759-926-32	s	IC AM26LS32PC
ICJ8	8-759-926-31	s	IC AM26LS31PC
ICJ9	8-759-926-31	s	IC AM26LS31PC
ICJ10	8-759-915-93	s	IC 74F163APC
ICJ11	8-759-921-21	s	IC SN74HC163AN
ICK1	8-759-515-10	s	IC SN74ALS573CN
ICK2	8-759-917-06	s	IC SN74HC574AN
ICK3	8-159-946-64	s	IC SN74ALS64BN
ICK4	8-759-916-14	s	IC SN74HC04AN
ICK5	8-759-926-32	s	IC AM26LS32PC
ICK8	8-759-926-31	s	IC AM26LS31PC
ICK11	8-759-946-64	s	IC SN74ALS04BN
ICL1	8-759-515-10	s	IC SN74ALS573CN
ICL2	8-759-907-06	s	IC SN74HC574AN
ICL4	8-759-917-05	s	IC SC74HC541AN
ICL5	8-759-926-32	s	IC AM26LS532PC
ICL8	8-759-926-31	s	IC AM26LS31PC
ICL11	8-759-904-81	s	IC 74F08PC
ICM1	8-759-515-10	s	IC SN74ALS573CN
ICM2	8-759-917-06	s	IC SN74HC574AN
ICM4	8-759-946-63	s	IC SN74ALS541N
ICM5	8-759-926-32	s	IC AM26LS32PC
ICM8	8-759-926-31	s	IC AM26LS31PC
ICM11	8-759-926-32	s	IC AM26LS32PC
ICN4	8-719-902-56	s	DIODE PC817
R1	1-249-406-11	s	RES, CARBON 120 5% 1/4W
R2	1-249-405-11	s	RES, CARBON 100 5% 1/4W
R3	1-249-405-11	s	RES, CARBON 100 5% 1/4W
R4	1-249-406-11	s	RES, CARBON 120 5% 1/4W
R5	1-249-405-11	s	RES, CARBON 100 5% 1/4W
R6	1-249-405-11	s	RES, CARBON 100 5% 1/4W
R7	1-249-406-11	s	RES, CARBON 120 5% 1/4W
R8	1-249-405-11	s	RES, CARBON 100 5% 1/4W
R9	1-249-405-11	s	RES, CARBON 100 5% 1/4W
R10	1-249-406-11	s	RES, CARBON 120 5% 1/4W
R11	1-249-405-11	s	RES, CARBON 100 5% 1/4W
R12	1-249-405-11	s	RES, CARBON 100 5% 1/4W
R13	1-249-406-11	s	RES, CARBON 120 5% 1/4W
R14	1-249-405-11	s	RES, CARBON 100 5% 1/4W
R15	1-249-405-11	s	RES, CARBON 100 5% 1/4W
R16	1-249-406-11	s	RES, CARBON 120 5% 1/4W
R17	1-249-405-11	s	RES, CARBON 100 5% 1/4W
R18	1-249-405-11	s	RES, CARBON 100 5% 1/4W
R19	1-249-406-11	s	RES, CARBON 120 5% 1/4W
R20	1-249-405-11	s	RES, CARBON 100 5% 1/4W
R21	1-249-405-11	s	RES, CARBON 100 5% 1/4W
R22	1-249-406-11	s	RES, CARBON 120 5% 1/4W
R23 to R26	1-249-405-11	s	RES, CARBON 100 5% 1/4W
R27	1-249-406-11	s	RES, CARBON 120 5% 1/4W
R28	1-249-405-11	s	RES ,CARBON 100 5% 1/4W

Ref. No.	Parts No.	SP	Description			
R29	1-249-405-11	s	RES, CARBON	100	5%	1/4W
R30	1-249-406-11	s	RES, CARBON	120	5%	1/4W
R31	1-249-405-11	s	RES, CARBON	100	5%	1/4W
R32	1-249-405-11	s	RES, CARBON	100	5%	1/4W
R33	1-249-406-11	s	RES, CARBON	120	5%	1/4W
R34	1-249-405-11	s	RES, CARBON	100	5%	1/4W
R35	1-249-405-11	s	RES, CARBON	100	5%	1/4W
R36	1-249--406-11	s	RES, CARBON	120	5%	1/4W
R37	1-249-405-11	s	RES, CARBON	100	5%	1/4W
R38	1-249-405-11	s	RES ,CARBON	100	5%	1/4W
R39	1-249-406-11	s	RES, CARBON	120	5%	1/4W
R40	1-249-405-11	s	RES, CARBON	100	5%	1/4W
R41	1-249-405-11	s	RES ,CARBON	100	5%	1/4W
R42	1-249-406-11	s	RES, CARBON	120	5%	1/4W
R43	1-249-405-11	s	RES, CARBON	100	5%	1/4W
R44	1-249-405-11	s	RES, CARBON	100	5%	1/4W
R45	1-249-406-11	s	RES, CARBON	120	5%	1/4W
R46	1-249-405-11	s	RES, CARBON	100	5%	1/4W
R47	1-249-405-11	s	RES, CARBON	100	5%	1/4W
R48	1-249-406-11	s	RES, CARBON	120	5%	1/4W
R49	1-249-405-11	s	RES, CARBON	100	5%	1/4W
R50	1-249-405-11	s	RES, CARBON	100	5%	1/4W
R51	1-249-406-11	s	RES, CARBON	120	5%	1/4W
R52	1-249-405-11	s	RES, CARBON	100	5%	1/4W
R53	1-249-405-11	s	RES, CARBON	100	5%	1/4W
R54	1-249-406-11	s	RES, CARBON	120	5%	1/4W
R55	1-249-405-11	s	RES, CARBON	100	5%	1/4W
R56	1-249-405-11	s	RES, CARBON	100	5%	1/4W
R57	1-249-406-11	s	RES, CARBON	120	5%	1/4W
R58	1-249-405-11	s	RES, CARBON	100	5%	1/4W
R59	1-249-405-11	s	RES, CARBON	100	5%	1/4W
R60	1-249-406-11	s	RES, CARBON	120	5%	1/4W
R61	1-249-405-11	s	RES, CARBON	100	5%	1/4W
R62	1-249-405-11	s	RES, CARBON	100	5%	1/4W
R63	1-249-406-11	s	RES, CARBON	120	5%	1/4W
R64	1-249-405-11	s	RES, CARBON	100	5%	1/4W
R65	1-249-405-11	s	RES, CARBON	100	5%	1/4W
R66	1-249-406-11	s	RES, CARBON	120	5%	1/4W
R67	1-249-405-11	s	RES, CARBON	100	5%	1/4W
R68	1-249-405-11	s	RES, CARBON	100	5%	1/4W
R69	1-249-406-11	s	RES, CARBON	120	5%	1/4W
R70	1-249-405-11	s	RES, CARBON	100	5%	1/4W
R71	1-249-405-11	s	RES, CARBON	100	5%	1/4W
R72	1-249-406-11	s	RES, CARBON	120	5%	1/4W
R73 to R120	1-249-393-11	s	RES, CARBON	10	5%	1/4W
R121	1-249-441-11	s	RES, CARBON	100K	5%	1/4W
R122	1-249-441-11	s	RES, CARBON	100K	5%	1/4W
R123	1-249-413-11	s	RES, CARBON	470	5%	1/4W
R124	1-249-413-11	s	RES, CARBON	470	5%	1/4W
R125	1-249-413-11	s	RES, CARBON	470	5%	1/4W

Ref. No.	Parts No.	SP	Description			
R126 to R129	1-249-441-11	s	RES, CARBON	100K	5%	1/4W
R130	1-249-419-11	s	RES,CARBON	15K	5%	1/4W
R131	1-249-417-11	s	RES,CARBON	1K	5%	1/4W
RB1	1-235-196-00	s	RES BLOCK 100K×8			
RB2	1-235-195-00	s	RES BLOCK 10K×8			
RB3	1-235-339-11	s	RES BLOCK 47K×8			
RB4	1-235-196-00	s	RES BLOCK100K×8			
RB5 to RB25	1-235-195-00	s	RES BLOCK 10K×8			
SW1 to SW24	1-571-40811	s	SWITCH, TOGGLE			
SW2 to SW30	1-570-598-11	s	SWITCH, DIP			

DR-70 BOARD

-	A-7850-683-B	o	COMPLETE PCB, DR-70			

(This assembly includes the following parts.)

Ref. No.	Parts No.	SP	Description			
-	3-696-448-01	o	HINGE, SS			
-	7-682-647-09	s	SCREW +PS 3×6			
C1 to C8	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C9	1-130-487-00	s	CAP, MYLAR	0.022	5%	50V
C10	1-130-487-00	s	CAP, MYLAR	0.022	5%	50V
C11 to C18	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C19	1-124-584-00	s	CAP, ELECT	100	20%	10V
C20 to C24	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C25	1 124-584-00	s	CAP, ELECT	100	20%	10V
C26	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C27	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C28	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C29	1-124-584-00	s	CAP, ELECT	100	20%	10V
C30 to C37	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C38	1-124-584-00	s	CAP, ELECT	100	20%	10V
C39	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C40	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C41	1-124-584-00	s	CAP, ELECT	100	20%	10V
C42 to C59	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C60	1-124-584-00	s	CAP, ELECT	100	20%	10V
C61	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C62	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C63	1-124-584-00	s	CAP, ELECT	100	20%	10V
C64 to C74	1-101-004-00	s	CAP. CERAMIC	0.01		50V
C75	1-124-584-00	s	CAP, ELECT	100	20%	10V
C76 to C86	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C87	1-124-584-00	s	CAP, ELECT	100	20%	10V

Ref. No.	Parts No.	SP	Description			
C88	1-162-004-00	s	CAP, CERAMIC	0.01		50V
C89	1-162-004-00	s	CAP, CERAMIC	0.01		50V
C90	1-162-004-00	s	CAP, CERAMIC	0.01		50V
C91	1-124-257-00	s	CAP, ELECT	2.2	20%	50V
C92	1-162-004-00	s	CAP, CERAMIC	0.01		50V
C93	1-124-584-00	s	CAP, ELECT	100	20%	10V
C94	1 101-004-00	s	CAP, CERAMIC	0.01		50V
to C114						
CN820	1 565-697-11	o	HEADDER, PIN (WITH LEVER) 50P			
CN821	1-565-697-11	o	HEADDER, PIN (WITH LEVER) 50P			
CN822	1-564-243-11	o	PIN, CONNECTOR 6P			
CN823	1-506-471-11	o	PIN, CONNECTOR 6P			
CN824	1-565-687-11	o	HEADDER, STRAIGHT 50P			
CN825	1-565-687-11	o	HEADDER, STRAIGHT 50P			
CN826	1-565-697-11	o	HEADDER, PIN (WITH LEVER, 50P			
CN827	1-565-697-11	o	HEADDER, PIN (WITH LEVER) 50P			
CN829	1-564-243-00	o	PIN, CONNECTOR 6P			
ICA4	8-759-007-09	s	IC MC74HC540N			
ICA5	8-759-917-06	s	IC SN74HC574AN			
ICA6	8-759-007-09	s	IC MC74HC540N			
ICA7	8-759-917-06	s	IC SN74HC574AN			
ICA8	8-759-916-20	s	IC SN74HC14N			
ICB1	8-759-007-09	s	IC MC74HC540N			
ICB2	8-759-917-05	s	IC SN74HC541AN			
ICB3	8-759-917-43	s	IC SN74HC138AN			
ICB4	8-759-916-16	s	IC SN74HC08AN			
ICB6	8-759-916-25	s	IC SN74HC32AN			
ICB7	8-759-917-06	s	IC SN74HC574AN			
ICB8	8-759-917-06	s	IC SN74HC574AN			
ICC2	8-759-917-05	s	IC SN74HC541AN			
ICC3	8-759-917-05	s	IC SN74HC541AN			
ICC4	8-759-921-21	s	IC SN74HC163AN			
ICC5	8-759-921-08	s	IC SN74HC02AN			
ICC6	8-759-917-06	s	IC SN74HC574AN			
ICC7	8-759-917-06	s	IC SN74HC574AN			
ICC8	8-759-917-06	s	IC SN74HC574AN			
ICD2	8-759-917-05	s	IC SN74HC541AN			
ICD3	8-759-921-50	s	IC SN74HC573BN			
ICD4	8-759-916-29	s	IC SN74HC74N			
ICD5	8-759-916-29	s	IC SN74HC74N			
ICD6	8-759-917-05	s	IC SN74HC541AN			
ICD7	8-759-917-05	s	IC SN74HC541AN			
ICD8	8-759-917-05	s	IC SN74HC541AN			
ICE2	8-759-917-05	s	IC SN74HC541AN			
ICE3	8-759-921-05	s	IC SN74HC573BN			
ICE4	8-759-916-25	s	IC SN74HC32AN			
ICE5	8-759-917-43	s	IC SN74HC138AN			
ICE6	8-759-917-43	s	IC SN74HC138AN			
ICE7	8-759-917-43	s	IC SN74HC138AN			
ICE8	8-759-917-05	s	IC SN74HC541AN			

Ref. No.	Parts No.	SP	Description			
ICF2	8-759-917-05	s	IC SN74HC541AN			
ICF3	8-759-917-06	s	IC SN74HC574AN			
ICF4	8-759-203-05	s	IC TC74HC193P			
ICF5	8-759-916-40	s	IC SN74HC125AN			
ICF8	8-759-916-46	s	IC SN74HC139AN			
ICF9	8-759-926-32	s	IC AM26LS32PC			
ICF10	8-759-917-05	s	IC SN74HC541AN			
ICF11	8-759-916-15	s	IC SN74HCOSN			
ICG2	8-759-917-06	s	IC SN74HC574AN			
ICG3	8-759-917-06	s	IC SN74HC574AN			
ICG4	8-729-203-05	s	IC TC74HC193P			
ICG5	8-759-916-14	s	IC SN74HC04AN			
ICG6	8-759-916-14	s	IC SN74HC04AN			
ICG8	8-759-916-16	s	IC SN74HC08AN			
ICG9	8-759-917-43	s	IC SN74HC138AN			
ICG10	8-759-916-12	s	IC SN74HC00AN			
ICG11	8-759-917-05	s	IC SN74HC541AN			
ICH2	8-759-917-06	s	IC SN74HC574AN			
ICH3	8-759-917-06	s	IC SN74HC574AN			
ICH5	8-759-916-25	s	IC SN74HC32AN			
ICH6	8-759-916-25	s	IC SN74HC32AN			
ICH8	8-759-917-05	s	IC SN74HC541AN			
ICH9	8-759-917-05	s	IC SN74HC541AN			
ICH10	8-759-917-05	s	IC SN74HC541AN			
ICJ3	8-759-937-99	s	IC LH5080A			
ICJ5	8-759-787-30	s	IC 27C128-DR-JS-V1.0			
ICJ7	8-752-321-00	s	IC CXK5816PN-12L			
ICJ9	8-752-321-00	s	IC CXK5816PN-12L			
ICJ10	8-759-921-34	s	IC SN74HC245AN			
ICJ11	8-759-921-34	s	IC SN74HC245AN			
ICK4	8-759-916-29	s	IC SN74HC74N			
to ICK7						
ICK8	8-759-916-50	s	IC SN74HC157AN			
ICK10	8-759-916-50	s	IC SN74HC157AN			
ICK11	8-759-916-50	s	IC SN74HC157AN			
ICL1	8-759-917-05	s	IC SN74HC541AN			
ICL2	8-759-917-43	s	IC SN74HC138AN			
ICL3	8-759-916-55	s	IC SN74HC175AN			
ICL4	8-759-916-55	s	IC SN74HC175AN			
ICL5	8-759-921-21	s	IC SN74HC163AN			
to ICL8						
ICL9	8-759-916-55	s	IC SN74HC175AN			
ICL10	8-759-917-43	s	IC SN74HC138AN			
ICL11	8-759-916-46	s	IC SN74HC139AN			
R1	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R2	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R3	1-249-413-11	s	RES, CARBON	470	5%	1/4W
R4	1-249-404-00	s	RES, CARBON	82	5%	1/4W
R5	1-249-404-00	s	RES, CARBON	82	5%	1/4W
R6	1-249-403-11	s	RES, CARBON	68	5%	1/4W

Ref. No.	Parts No.	SP	Description			
R7	1-249-403-11	s	RES, CARBON	68	5%	1/4W
R8	1-249-417-11	s	RES, CARBON	1K	5%	1/4W
R9	1-249-417-11	s	RES, CARBON	1K	5%	1/4W
R10	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R11	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R12	1-249-417-11	s	RES, CARBON	1K	5%	1/4W
R13	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R14	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
RB1 to RB18	1-235-195-00	s	RES BLOCK 10K×8			

DR-71 BOARD

- 9-994-968-01 o COMPLETE PCB, DR-71

(This assembly includes the following parts.)

Ref. No.	Parts No.	SP	Description			
C1	1-124-443-00	s	CAP, ELECT	100	20%	10V
C2 to C24	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C25	1- 124-446-11	s	CAP, ELECT	47	20%	10V
CN1	1-564-320-00	s	PIN, CONNECTOR 2P			
CN2	1-564-691-00	s	CONNECTOR 20P			
CN3	1-564-320-00	s	PIN, CONNECTOR 2P			
CN4	1-564-691-11	s	CONNECTOR 20P			
CN5	1-506-489-11	s	PIN, CONNECTOR 10P			
CN6	1-506-494-11	s	PIN, CONNECTOR 15P			
CN7	1-506-494-11	s	PIN, CONNECTOR 15P			
CN8	1-506-489-11	s	PIN, CONNECTOR 10P			
CN9	1-506-494-11	s	PIN, CONNECTOR 15P			
CN10	1-506-494-11	s	PIN, CONNECTOR 15P			
IC1	8-759-904-77	s	IC AM26LS32P			
IC2	8-759-904-77	s	IC AM26LS32P			
IC3	8-759-921-99	s	IC SN74HCT541N			
IC4	8-759-205-10	s	IC TC74HC139F			
IC5	8-759-203-24	s	IC TC74HC283P			
IC6	8-759-207-25	s	IC TC74HC163F			
IC7	8-759-207-25	s	IC TC74HC163F			
IC8	8-759-205-09	s	IC TC74HC138P			
IC9	8-759-205-09	s	IC TC74HC138P			
IC10	8-759-205-09	s	IC TC74HC138P			
C11	8-759-208-63	s	IC TC74HC393F			
IC12	8-759-208-63	s	IC TC74HC393F			
IC13 to IC21	8-759-203-52	s	IC TC74HC595P			
IC22 to IC29	8-759-924-11	s	IC IR2411			
IC30	8-759-204-94	s	IC TC74HC00F			
IC31	8-759-204-95	s	IC TC74HC02F			
R1 to R5	1-249-410-11	s	RES, CARBON	270	5%	1/4W
R6	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R7	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R11	1-249-396-11	s	RES, CARBON	18	5%	1/4W
R12	1-247-790-11	s	RES, CARBON	20	5%	1/4W
R13	1-249-400-11	s	RES, CARBON	39	5%	1/4W
R14	1-249-396-11	s	RES, CARBON	18	5%	1/4W
R15	1-249-400-11	s	RES, CARBON	39	5%	1/4W
R16	1-249-790-11	s	RES, CARBON	20	5%	1/4W
R17 to R21	1-249-396-11	s	RES, CARBON	18	5%	1/4W
R22	1-249-400-11	s	RES, CARBON	39	5%	1/4W
R23	1-249-790-11	s	RES, CARBON	20	5%	1/4W
R24	1-249-400-11	s	RES, CARBON	39	5%	1/4W
R25	1-249-396-11	s	RES, CARBON	18	5%	1/4W
R26	1-249-396-11	s	RES, CARBON	18	5%	1/4W
R27	1-249-396-11	s	RES, CARBON	18	5%	1/4W
R34	1-249-396-11	s	RES, CARBON	18	5%	1/4W
R35	1-249-400-11	s	RES, CARBON	39	5%	1/4W
R36	1-249-400-11	s	RES, CARBON	39	5%	1/4W
R37 to R42	1-249-396-11	s	RES, CARBON	18	5%	1/4W
R43	1-249-413-11	s	RES, CARBON	470	5%	1/4W
R44	1-249-409-11	s	RES, CARBON	220	5%	1/4W
RB1	1-235-195-00	s	RES BLOCK 10×8			
RB2	1-235-195-00	s	RES BLOCK 10×8			
RB3	1-235-195-00	s	RES BLOCK 10×8			
RB4	1-235-330-11	s	RES BLOCK 100×8			
RB5	1-235-330-11	s	RES BLOCK 100×8			
RB6	1-235-330-11	s	RES BLOCK 100×8			
RB7	1-249-396-11	s	RES, CARBON	18	5%	1/4W
RB8	1-249-396-11	s	RES, CARBON	18	5%	1/4W
RB9	1-249-396-11	s	RES, CARBON	18	5%	1/4W
RB10	1-249-396-11	s	RES, CARBON	18	5%	1/4W
RB11	1-249-396-11	s	RES, CARBON	18	5%	1/4W
Q1 to Q24	8-729-102-78	s	TRANSISTOR 2SB962			

ED-19 BOARD

Ref. No.	Parts No.	SP	Description
-	A-7850-660-A	o	COMPLETE PCB, ED-19

(This assembly includes the following parts.)

Ref. No.	Parts No.	SP	Description
-	3-703-486-00	s	SCREW +PTTWH 3×5
-	3-714-634-01	o	LEVER, PC BOARD
-	4-928-330-01	o	NUT (M2.6), HEXAGON
-	7-626-320-11	o	PIN, SPRING 3×8
-	7-628-254-30	s	SCREW +PS 2.6×10
C1	1-124-556-11	s	CAP, ELECT 2200 20% 16V
C2 to C187	1-101-004-00	s	CAP, CERAMIC 0.01 50V
CN1	1-565-207-11	s	CONNECTOR, DIN (MALE) 128P
CN2	1-565-207-11	s	CONNECTOR, DIN (MALE) 128P
DL1	1-415-167-00	s	DELAY LINE
ICA1	8-759-202-74	s	IC TC74HC04P
ICA2	8-759-202-12	s	IC TC74HC02P
ICA3	8-759-202-15	s	IC TC74HC10P
ICA4	8-759-202-24	s	IC TC74HC86P
ICA5	8-759-202-91	s	IC TC74HC148P
ICA9	8-759-113-22	s	IC DASH005Q
ICA10	8-759-202-32	s	IC TC74HC163P
ICA11	8-759-202-32	s	IC TC74HC163P
ICA12	8-759-203-24	s	IC TC74HC283P
ICA13	8-759-203-24	s	IC TC74HC283P
ICA14	8-759-007-10	s	IC MC74HC541N
ICA15	8-759-007-09	s	IC MC74HC540N
ICB1	8-759-938-93	s	IC 74F157APC
ICB2	8-752-326-64	s	IC CXK5464PN-55L
ICB3	8-752-326-64	s	IC CXK5464PN-55L
ICB4	8-759-904-87	s	IC 74F374PC
ICB5	8-759-904-87	s	IC 74F374PC
ICB7	8-759-946-13	s	IC TMC2210NOC
ICB9	8-759-515-11	s	IC SN74ALS574BN
ICB10	8-759-904-87	s	IC 74F374PC
ICB11	8-759-904-87	s	IC 74F374PC
ICB12	8-759-202-27	s	IC TC74HC157P
ICB13	8-759-203-24	s	IC TC74HC283P
ICB14	8-759-203-24	s	IC TC74HC283P
ICB15	8-759-906-69	s	IC SN74LS669N
ICC1	8-759-938-93	s	IC 74F157APC
ICC2	8-752-326-64	s	IC CXK5464PN-55L
ICC3	8-752-326-64	s	IC CXK5464PN-55L
ICC4	8-752-325-14	s	IC CXK5816SP-10
ICC5	8-752-325-14	s	IC CXK5816SP-10
ICC9	8-759-515-11	s	IC SN74ALS574BN
ICC10	8-759-904-87	s	IC 74F374PC
ICC11	8-759-904-87	s	IC 74F374PC
ICC12	8-759-202-27	s	IC TC74HC157P
ICC13	8-759-203-24	s	IC TC74HC283P
ICC14	8-759-203-24	s	IC TC74HC283P
ICC15	8-759-906-69	s	IC SN74LS669N
ICD1	8-759-202-32	s	IC TC74HC163P
ICD2	8-759-202-32	s	IC TC74HC163P
ICD3	8-752-326-64	s	IC CXK5464PN-55L
ICD4	8-759-906-69	s	IC SN74LS669N
ICD5	8-759-906-69	s	IC SN74LS669N
ICD6	8-759-785-49	s	IC TBP28L22N-SINL
ICD7	8-759-785-50	s	IC TBP28L22N-SINH
ICD8	8-759-001-39	s	IC MC74HC164N
ICD9	8-759-001-39	s	IC MC74HC164N
ICD10	8-759-904-87	s	IC 74F374PC
ICD11	8-759-904-87	s	IC 74F374PC
ICD12	8-759-916-98	s	IC SN74HC377N
ICD13	8-759-938-93	s	IC 74F157APC
ICD14	8-759-938-93	s	IC 74F157APC
ICD15	8-759-916-98	s	IC SN74HC377N
ICE1	8-759-903-78	s	IC SN74LS378N
ICE2	8-759-901-57	s	IC SN74LS157N
ICE3	8-759-901-57	s	IC SN74LS157N
ICE4	8-759-203-50	s	IC TC74HC574P
ICE5	8-759-203-50	s	IC TC74HC574P
ICE6	8-759-904-87	s	IC 74F374PC
ICE7	8-759-904-87	s	IC 74F374PC
ICE8 to ICE11	8-759-515-11	s	IC SN74ALS574BN
ICE12 to ICE15	8-752-326-64	s	IC CXK5464PN-55L
ICF1	8-759-915-93	s	IC 74F163APC
ICF2	8-759-901-57	s	IC SN74LS157N
ICF3	8-759-901-57	s	IC SN74LS157N
ICF4	8-759-203-61	s	IC TC74HC688P
ICF5	8-759-203-61	s	IC TC74HC688P
ICF6	8-759-515-11	s	IC SN74ALS574BN
ICF7	8-759-515-11	s	IC SN74ALS574BN
ICF8	8-759-917-84	s	IC 74F373PC
ICF9	8-759-917-84	s	IC 74F373PC
ICF10	8-752-325-14	s	IC CXK5816SP-10
ICF11	8-752-325-14	S	IC CXK58165P-10
ICF12	8-759-904-84	s	IC 74F74PC
ICG1	8-759-915-93	s	IC 74F163APC
ICG2	8-759-901-57	s	IC SN74LS157N
ICG3	8-759-901-57	s	IC SN74LS157N
ICG4	8-759-202-27	s	IC TC74HC157P
ICG5	8-759-202-27	s	IC TC74HC157P
ICG6 to ICG9	8-759-903-77	s	IC SN74LS377N
ICG10	8-759-906-69	s	IC SN74LS669N
ICG11	8-759-906-69	s	IC SN74LS669N
ICG12	8-759-001-39	s	IC TC74HC164N
ICG13	8-759-946-63	s	IC SN74ALS541N

ED-19

Ref. No.	Parts No.	SP	Description
ICG14	8-759-916-29	s	IC SN74HC74N
ICG15	8-759-904-80	s	IC 74F04PC
ICH1	8-759-202-11	s	IC TC74HC00P
ICH2	8-759-901-57	s	IC SN74LS157N
ICH3	8-759-901-57	s	IC SN74LS157N
ICH4	8-759-202-27	s	IC TC74HC157P
ICH5	8-759-202-27	s	IC TC74HC157P
ICH6 to ICH9	8-759-938-93	s	IC 74F157APC
ICH10 to ICH13	8-759-904-87	s	IC 74F374PC
ICH14	8-759-925-31	s	IC SN74AS1832N
ICJ1	8-759-202-11	s	IC TC74HC00P
ICJ2	8-759-901-57	s	IC SN74LS157N
ICJ3	8-759-901-57	s	IC SN74LS157N
ICJ4	8-759-202-11	s	IC TC74HC00P
ICJ5	8-759-202-11	s	IC TC74HC00P
ICJ6 to ICJ9	8-759-906-76	s	IC 74F283PC
ICJ10	8-759-906-66	s	IC 74F86PC
ICJ14	8-759-904-81	s	IC 74F08PC
ICJ15	8-759-904-82	s	IC 74F10PC
ICK1	8-759-203-50	s	IC TC74HC574P
ICK2	8-759-901-57	s	IC SN74LS157N
ICK3	8-759-901-57	s	IC SN74LS157N
ICK4	8-759-203-50	s	IC TC74HC574P
ICK5	8-759-203-50	s	IC TC74HC574P
ICK6 to ICK9	8-759-515-11	s	IC SN74ALS574BN
ICK10	8-759-904-83	s	IC 74F32PC
ICK12	8-759-946-13	s	IC TMC2210NOC
ICK14	8-759-203-33	s	IC TC74HC367P
ICK15	8-759-904-83	s	IC 74F32PC
ICL1	8-759-203-50	s	IC TC74HC574P
ICL2	8-759-515-11	s	IC SN74ALS574BN
ICL3	8-759-515-11	s	IC SN74ALS574BN
ICL4 to ICL9	8-752-325-14	s	IC CXK5816SP-10
ICL10	8-759-915-41	s	IC 74F02PC
ICL14	8-759-904-82	s	IC 74F10PC
ICL15	8-759-901-74	s	IC SN74LS174N
ICM1	8-759-906-69	s	IC SN74LS669N
ICM2	8-752-325-14	s	IC CXK5816SP-10
ICM3	8-752-325-14	s	IC CXK5816SP-10
ICM4	8-759-906-69	s	IC SN74LS669N
ICM5	8-759-906-69	s	IC SN74LS669N
ICM6	8-759-915-93	s	IC 74F163APC
ICM7	8-759-900-21	s	IC SN74LS21N
ICM8	8-759-915-93	s	IC 74F163APC
ICM9	8-759-900-00	s	IC TC74HC00P
ICM10	8-759-917-52	s	IC 74F138PC
ICM11	8-759-917-46	s	IC74F11PC
ICM12	8-759-515-11	s	IC SN74ALS574BN
ICM13	8-759-515-11	s	IC SN74ALS574BN
ICM14	8-759-906-71	s	IC 74F175PC
ICM15	8-759-906-71	s	IC 74F175PC
ICN1	8-759-916-29	s	IC SN74HC74N
ICN2	8-759-906-69	s	IC SN74LS669N
ICN3	8-759-906-69	s	IC SN74LS669N
ICN4	8-759-203-50	s	IC TC74HC574P
ICN5	8-759-203-50	s	IC TC74HC574P
ICN6 to ICN9	8-759-515-11	s	IC SN74ALS574BN
ICN10	8-759-202-92	s	IC TC74HC151P
ICN11	8-759-900-00	s	IC TC74HC00P
ICN12	8-759-113-22	s	IC DASH005Q
ICN14	8-759-915-93	s	IC 74F163APC
ICN15	8-759-904-81	s	IC 74F08PC
ICP2	8-169-515-11	s	IC SN74ALS574BN
ICP3	8-759-515-11	s	IC SN74ALS574BN
ICP4	8-759-203-50	s	IC TC74HC574P
ICP5	8-759-203-50	s	IC TC74HC574P
ICP6 to ICP9	8-759-515-11	s	IC SN74ALS574BN
ICP10	8-759-202-14	s	IC TC74HC08P
ICP11	8-759-007-10	s	IC MC74HC541N
ICP14	8-759-904-81	s	IC 74F08PC
ICP15	8-759-926-32	s	IC AM26LS32PC
R1 to R11	1-249-429-11	s	RES, CARBON 10K 5% 1/4W
R12	1-249-425-11	s	RES, CARBON 4.7K 5% 1/4W
R13 to R16	1-249-429-11	s	RES, CARBON 10K 5% 1/4W
R19 to R25	1-249-429-11	s	RES, CARBON 10K 5% 1/4W
R26 to R29	1-249-441-11	s	RES, CARBON 100K 5% 1/4W
R30	1-249-429-11	s	RES, CARBON 10K 5% 1/4W
R31	1-249-429-11	s	RES, CARBON 10K 5% 1/4W
R32	1-249-429-11	s	RES, CARBON 10K 5% 1/4W
R33	1-249-425-11	s	RES, CARBON 4.7K 5% 1/4W
R34	1-249-429-11	s	RES, CARBON 10K 5% 1/4W
R35	1-249-425-11	s	RES, CARBON 4.7K 5% 1/4W
R36	1-249-429-11	s	RES, CARBON 10K 5% 1/4W
R37	1-249-425-11	s	RES, CARBON 4.7K 5% 1/4W
R38	1-249-425-11	s	RES, CARBON 4.7K 5% 1/4W
R39	1-249-425-11	s	RES, CARBON 4.7K 5% 1/4W

Ref. No.	Parts No.	SP	Description
RB1 to RB5	1-235-195-00	s	RES BLOCK 10K×8
RB6	1-235-194-00	s	RES BLOCK 4.7K×8
RB7	1-235-194-00	s	RES BLOCK 4.7K×8
RB8	1-231-533-00	s	RES BLOCK 10K×4
RB9	1-235-192-00	s	RES BLOCK 1K×8
RB10	1-235-192-00	s	RES BLOCK 1K×8
RB11	1-235-195-00	s	RES BLOCK 10K×8
RB12	1-235-195-00	s	RES BLOCK 10K×8
RB13	1-235-192-00	s	RES BLOCK 1K×8
RB14	1-235-192-00	s	RES BLOCK 1K×8
S1	1-571-408-11	s	SWITCH,TOGGLE
S2	1-554-955-11	s	SWITCH, ROTARY
S3	1-571-408-11	s	SWITCH, TOGGLE
S4	1-571-408-11	s	SWITCH, TOGGLE
S5	1-554-027-00	s	SWITCH, ROTARY
S6	1-554-027-00	s	SWITCH, ROTARY
S7	1-571-408-11	s	SWITCH, TOGGLE

ED-20 BOARD

Ref. No.	Parts No.	SP	Description
-	A-7850-662-A	o	COMPLETE PCB, ED-20

(This assembly includes the following parts.)

Ref. No.	Parts No.	SP	Description
-	3-703-486-00	s	SCREW +PTTWH 3x5
-	3-714-634-01	o	LEVER, PC BOARD
-	4-928-330-01	o	NUT (M2.6), HEXAGON
-	7-626-320-11	o	PIN, SPRING 3x8
-	7-628-254-30	s	SCREW +PS 2.6x10
C1	1-124-556-11	s	CAP, ELECT 2200 20% 16V
C2 to C14	1-101-004-00	s	CAP, CERAMIC 0.01 50V
C16 to C28	1-101-004-00	s	CAP, CERAMIC 0.01 50V
C30 to C43	1-101-004-00	s	CAP, CERAMIC 0.01 50V
C45 to C174	1-101-004-00	s	CAP, CERAMIC 0.01 50V
C175	1-124-234-00	s	CAP, ELECT 22 20% 16V
C176	1-136-165-00	s	CAP, FILM 0.1 5% 50V
CN1	1-565-207-11	s	CONNECTOR, DIN (MALE) 128P
CN2	1-565-207-11	s	CONNECTOR, DIN (MALE) 128P
ICA1 to ICA5	8-759-202-32	s	IC TC74HC163P
ICA6	8-759-203-01	s	IC TC74HC175P
ICA7 to ICA15	8-759-142-81	s	IC UPD421000C-10
ICB1 to ICB6	8-759-202-27	s	IC TC74HC157P
ICC1 to ICC6	8-759-202-27	s	IC TC74HC157P
ICC7	8-759-202-11	s	IC TC74HC00P
ICD1 to ICD6	8-759-202-32	s	IC TC74HC163P
ICD7	8-759-916-23	s	IC SN74HC27N
ICD8 to ICD15	8-759-209-64	s	IC TC511000Z-10
ICE1 to ICE6	8-759-202-32	s	IC TC74HC163R
ICE7	8-759-202-11	s	IC TC74HC00P
ICE8	8-759-001-42	s	IC MC74HC174N
ICE9	8-759-001-42	s	IC MC74HC174N
ICE10	8-759-001-42	s	IC MC74HC174N
ICE11	8-759-903-78	s	IC SN74LS378N
ICE12	8-759-903-78	s	IC SN74LS378N
ICE13	8-759-903-78	s	IC SN74LS378N
ICE14	8-759-913-45	s	IC 74F174PC
ICE15	8-759-203-01	s	IC TC74HC175P
ICF2	8-759-202-14	s	IC TC74HC08P
ICF3	8-759-001-33	s	IC MC74HC158N
ICF4	8-759-202-11	s	IC TC74HC00P
ICF5	8-759-916-29	s	IC SN74HC74N
ICF6	8-759-916-29	s	IC SN74HC74N
ICF8	8-759-916-99	s	IC SN74HC378N
ICF9	8-759-916-99	s	IC SN74HC378N
ICF10	8-759-916-99	s	IC SN74HC378N
ICF11	8-759-903-78	s	IC SN74LS378N
ICF12	8-759-903-78	s	IC SN74LS378N
ICF13	8-759-903-78	s	IC SN74LS378N
ICF14	8-759-915-41	s	IC 74F02PC
ICG1	8-759-900-00	s	IC SN74LS00N
ICG2	8-759-906-66	s	IC 74F86PC
ICG3	8-759-906-69	s	IC SN74LS669N
ICG4	8-759-906-69	s	IC SN74LS669N
ICG5	8-759-203-01	s	IC TC74HC175P
ICG6	8-759-202-14	s	IC TC74HC08P
ICG7	8-759-202-32	s	IC TC74HC163P
ICG8	8-759-202-32	s	IC TC74HC163P
ICG9	8-759-917-84	s	IC 74F373PC
ICG10	8-759-917-84	s	IC 74F373PC
ICG11	8-759-202-11	s	IC TC74HC00P
ICG12	8-759-916-29	s	IC SN74HC74N
ICG13	8-759-785-51	s	IC TBP28L22N-RECON
ICG14	8-759-904-79	s	IC 74F00PC
ICG15	8-759-906-66	s	IC 74F86PC
ICH1	8-759-916-29	s	IC SN74HC74N
ICH2	8-759-515-11	s	IC SN74ALS574BN
ICH3	8-759-515-11	s	IC SN74ALS574BN
ICH4	8-752-325-17	s	IC CXK5816SP-10L
ICH5	8-759-203-50	s	IC TC74HC574P

Ref. No.	Parts No.	SP	Description
ICH6	8-759-906-69	s	IC SN74LS669N
ICH7	8-759-906-69	s	IC SN74LS669N
ICH8	8-759-906-69	s	IC SN74LS669N
ICH9	8-759-917-01	s	IC SN74HC379N
ICH10	8-759-202-11	s	IC TC74HC00P
ICH11	8-759-202-11	s	IC TC74HC00P
ICH12	8-759-515-11	s	IC SN74ALS574BN
ICH13	8-759-203-21	s	IC TC74HC273P
ICH14	8-759-515-11	s	IC SN74ALS574BN
ICH15	8-759-915-41	s	IC 74F02PC
ICJ1	8-759-900-74	s	IC SN74LS74AN
ICJ2	8-759-900-74	s	IC SN74LS74AN
ICJ3	8-759-203-61	s	IC TC74HC688P
ICJ4	8-759-916-98	s	IC SN74HC377N
ICJ5	8-759-916-98	s	IC SN74HC377N
ICJ6	8-759-908-35	s	IC TL7705CP
ICJ7	8-759-916-98	s	IC SN74HC377N
ICJ8	8-759-916-98	s	IC SN74HC377N
ICJ9	8-759-203-48	s	IC TC74HC573P
ICJ10	8-759-202-21	s	IC TC74HC32P
ICJ11	8-759-202-21	s	IC TC74HC32P
ICJ12	8-752-325-17	s	IC CXK5816SP-10L
ICJ13	8-759-904-83	s	IC 74F32PC
ICJ14	8-752-322-10	s	IC CXK5814P-45L
ICJ15	8-759-906-69	s	IC SN74LS669N
ICK1	8-759-904-82	s	IC 74F10PC
ICK2	8-759-900-33	s	IC SN74LS33N
ICK3	8-759-001-42	s	IC MC74HC174N
ICK4	8-759-916-98	s	IC SN74HC377N
ICK5	8-759-203-48	s	IC TC74HC573P
ICK6	8-759-203-48	s	IC TC74HC573P
ICK7	8-759-007-09	s	IC MC74HC540N
ICK8	8-759-203-61	s	IC TC74HC688P
ICK9	8-759-916-29	s	IC SN74HC74N
ICK10	8-759-989-73	s	IC SN74LS257BN
ICK11	8-759-901-57	s	IC SN74LS157N
ICK12	8-759-938-93	s	IC 74F157APC
ICK13	8-759-904-87	s	IC 74F374PC
ICK14	8-759-915-93	s	IC 74F163APC
ICK15	8-759-915-93	s	IC 74F163APC
ICL1	8-759-904-83	s	IC 74F32PC
ICL2	8-759-202-26	s	IC TC74HC138P
ICL3	8-759-202-27	s	IC TC74HC157P
ICL4	8-752-322-10	s	IC CXK5814P-45L
ICL5	8-752-322-10	s	IC CXK5814P-45L
ICL6	8-759-916-98	s	IC SN74HC377N
ICL7	8-759-203-48	s	IC TC74HC573P
ICL8	8-759-902-57	s	IC SN74LS257AN
ICL9	8-759-902-57	s	IC SN74LS257AN
ICL10	8-759-902-57	s	IC SN74LS257AN

Ref. No.	Parts No.	SP	Description
ICL11	8-759-916-29	s	IC SN74HC74N
ICL12	8-759-903-79	s	IC SN74LS379N
ICL13	8-759-515-11	s	IC SN74ALS574BN
ICL14	8-759-904-84	s	IC 74F74PC
ICL15	8-759-904-79	s	IC 74F00PC
ICM1	8-759-942-37	s	IC SN75179BP
ICM2	8-759-202-26	s	IC TC74HC138P
ICM3	8-759-202-27	s	IC TC74HC157P
ICM4	8-759-202-27	s	IC TC74HC157P
ICM5	8-759-202-27	s	IC TC74HC157P
ICM6	8-752-322-10	s	IC CXK5814P-45L
ICM7	8-759-515-11	s	IC SN74ALS574BN
ICM8	8-759-203-50	s	IC TC74HC574P
ICM9	8-759-203-48	s	IC TC74HC573P
ICM10	8-759-202-11	s	IC TC74HC00P
ICM11	8-759-914-96	s	IC N74F85N
ICM12	8-759-915-41	s	IC 74F02PC
ICM13	8-759-900-74	s	IC SN74LS74AN
ICM14	8-759-904-84	s	IC 74F74PC
ICM15	8-759-915-93	s	IC 74F163APC
ICN1	8-759-942-37	s	IC SN75179BP
ICN2	8-759-202-89	s	IC TC74HC139P
ICN3	8-759-203-50	s	IC TC74HC574N
ICN4	8-759-202-27	s	IC TC74HC157P
ICN5	8-759-202-27	s	IC TC74HC157P
ICN6	8-752-322-10	s	IC CXK5814P-45L
ICN7	8-759-515-11	s	IC SN74ALS574BN
ICN8	8-759-203-50	s	IC TC74HC574N
ICN9	8-759-202-12	s	IC TC74HC02P
ICN10	8-759-203-50	s	IC TC74HC574N
ICN11	8-759-914-96	s	IC N74F85N
ICN12	8-759-914-96	s	IC N74F85N
ICN13	8-759-906-69	s	IC SN74LS669N
ICN14	8-759-906-69	s	IC SN74LS669N
ICN15	8-759-925-31	s	IC SN74AS1832N
ICP3	8-759-203-50	s	IC TC74HC574P
ICP4	8-759-203-50	s	IC TC74HC574P
ICP5	8-759-001-42	s	IC MC74HC174N
ICP6	8-759-001-42	s	IC MC74HC174N
ICP7	8-759-785-51	s	IC TBP28L22N-CHID
ICP8	8-759-916-29	s	IC SN74HC74N
ICP9	8-759-938-93	s	IC 74F157APC
ICP10	8-759-938-93	s	IC 74F157APC
ICP11	8-759-914-96	s	IC N74F85N
ICP12	8-759-914-96	s	IC N74F85N
ICP13	8-759-906-69	s	IC SN74LS669N
ICP14	8-759-906-69	s	IC SN74LS669N
ICP15	8-759-904-81	s	IC 74F08PC

Ref. No.	Parts No.	SP	Description			
R1	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R2	1-249-417-11	s	RES, CARBON	1K	5%	1/4W
R3	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
R4	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
R5	1-249-413-11	s	RES, CARBON	470	5%	1/4W
R6	1-249-437-11	s	RES, CARBON	47K	5%	1/4W
R7	1-249-437-11	s	RES, CARBON	47K	5%	1/4W
R8	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
R9	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
R10	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R11	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R12	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R13 to R17	1-249-417-11	s	RES, CARBON	1K	5%	1/4W
R18	1-249-405-11	s	RES, CARBON	100	5%	1/4W
R19	1-249-405-11	s	RES, CARBON	100	5%	1/4W
R20	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R21	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R22	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
R23	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
R24	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
R25	1-249-417-11	s	RES, CARBON	1K	5%	1/4W
R26	1-249-417-11	s	RES, CARBON	1K	5%	1/4W
R27	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
R28	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R29	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R30	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R31	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
R32	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
R33	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R34	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
R35	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R36	1-249-405-11	s	RES, CARBON	100	5%	1/4W
R37	1-249-405-11	s	RES, CARBON	100	5%	1/4W
R38	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
RB2 to R B7	1-235-195-00	s	RES BLOCK 10K×8			
RB8	1-235-192-00	s	RES BLOCK 1K×8			
RB9	1-235-195-00	s	RES BLOCK 10K×8			
RB10	1-235-194-00	s	RES BLOCK 4.7K×8			
RB11	1-235-195-00	s	RES BLOCK 10K×8			
RB12	1-235-195-00	s	RES BLOCK 10K×8			
RB13	1-235-194-00	s	RES BLOCK 4.7K×8			
RB14	1-235-194-00	s	RES BLOCK 4.7K×8			
S1	1-570-373-12	s	SWITCH, SLIDE			
S2	1-570-373-12	s	SWITCH, SLIDE			

FAM-14 BOARD

Ref. No.	Parts No.	SP	Description			
-	1-625-537-11	o	PC BOARD, FAM-14			
C1	1-130-493-00	s	CAP, MYLAR	0.068	5%	50V
C2	1-130-483-00	s	CAP, MYLAR	0.01	5%	50V
C3 to C5	1-126-157-11	s	CAP, ELECT	10	20%	16V
CN1	1-506-702-11	o	POST HEADERM, ILG CONNECTOR			
D1	8-719-911-19	s	DIODE 1SS119			
D2	8-719-800-17	s	DIODE THS102A			
IC1	8-759-135-80	s	IC UPC358C			
R1	1-249-405-11	s	RES, CARBON	100	5%	1/4W
R2	1-249-416-11	s	RES, CARBON	820	5%	1/4W
R3	1-247-887-00	s	RES, CARBON	220K	5%	1/4W
R4	1-249-417-11	s	RES, CARBON	1.0K	5%	1/4W
R5	1-249-405-11	s	RES, CARBON	100	5%	1/4W
R6	1-249-421-11	s	RES, CARBON	2.2K	5%	1/4W
R7	1-249-417-11	s	RES, CARBON	1.0K	5%	1/4W
R8	1-249-413-11	s	RES, CARBON	470	5%	1/4W
R9	1-247-903-00	s	RES, CARBON	1M	5%	1/4W
R11	1-247-887-00	s	RES, CARBON	220K	5%	1/4W
R12	1-249-417-11	s	RES, CARBON	1.0K	5%	1/4W
R13	1-249-441-11	s	RES, CARBON	100K	5%	1/4W
R14	1-249-433-11	s	RES, CARBON	22K	5%	1/4W
R15	1-249-393-11	s	RES, CARBON	10	5%	1/4W
R16	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R17	1-249-393-11	s	RES, CARBON	10	5%	1/4W
R18	1-249-417-11	s	RES, CARBON	1.0K	5%	1/4W
Q1	8-729-178-55	s	TRANSISTOR	2SC2785-E		
Q2	8-729-178-55	s	TRANSISTOR	2SC2785-E		
Q3	8-729-119-76	s	TRANSISTOR	2SA1175-HFE		

FL-60 BOARD

Ref. No.	Parts No.	SP	Description			
-	1-627-124-11	o	PC BOARD, FL-60			
-	2-285-809-00	s	INSULATOR (TO-220)			
-	2-832-007-00	s	BUSHING (K), INSULATING			
-	4-927-080-01	o	BRACKET, FL PC BOARD			
-	7-621-770-99	s	SCREW +B 2.6×8			
-	7-682-947-01	s	SCREW +PSW 3×6			
-	9-911-845-99	s	CUSHION (A)			
C1	1-126-103-11	s	CAP, ELECT	470	20%	16V
C2	1-126-103-11	s	CAP, ELECT	470	20%	16V
C3	1-126-101-11	s	CAP, ELECT	100	20%	16V
C4	1-126-101-11	s	CAP, ELECT	100	20%	16V
C5	1-130-495-00	s	CAP, MYLAR	0.1	5%	50V

Ref. No.	Parts No.	SP	Description			
C6	1-130-495-00	s	CAP, MYLAR	0.1	5%	50V
CN297	1-564-241-00	o	PIN, CONNECTOR 4P			
CN299	1-564-104-00	o	PIN, CONNECTOR 3P			
D1	8-719-200-02	s	DIODE 10E2			
D2	8-719-200-02	s	DIODE 10E2			
IC1	8-759-982-13	s	IC RC7812FA			
IC2	8-759-929-65	s	IC LM7912CT			
L1	1-409-309-00	s	COIL, SN 72UH			
L2	1-409-309-00	s	COIL, SN 72UH			

GMT-1 BOARD

Ref. No.	Parts No.	SP	Description			
-	A-7850-678-A	o	MOUNTED PCB, GMT-1			

(This assenbly includes the following parts.)

Ref. No.	Parts No.	SP	Description			
C1	1-126-101-11	s	CAP, ELECT	100	20%	16V
C2	1-126-101-11	s	CAP, ELECT	100	20%	16V
C3	1-102-106-00	s	CAP, CERAMIC	100P	10%	50V
C4	1-102-106-00	s	CAP, CERAMIC	100P	10%	50V
C5	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C6	1-101-004-00	s	CAP, CERAMIC	0.01		50V
CN253	1-506-480-11	o	PIN, CONNECTOR 15P			
CN267	1-506-471-11	o	PIN, CONNECTOR 6P			
CN269	1-506-467-11	o	PIN, CONNECTOR 2P			
CN271	1-560-300-00	o	POST HEADER 3P			
D1	9-919-584-18	s	GP1A07 WITH COVER			
D2	9-919-584-18	s	GP1A07 WITH COVER			
IC1	8-759-145-58	s	IC UPC4558C			
IC2	8-759-103-93	s	IC UPC393C			
Q1	8-729-900-45	s	TRANSISTOR DTC114EF			
Q2	8-729-900-45	s	TRANSISTOR DTC114EF			
R1	1-249-408-11	s	RES, CARBON	180	5%	1/4W
R2	1-249-410-11	s	RES, CARBON	270	5%	1/4W
R3	1-249-408-11	s	RES, CARBON	180	5%	1/4W
R4	1-249-410-11	s	RES, CARBON	270	5%	1/4W
R5	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
R6	1-247-883-00	s	RES, CARBON	150K	5%	1/4W
R7	1 249-424-11	s	RES, CARBON	3.9K	5%	1/4W
R8	1-249-424-11	s	RES, CARBON	3.9K	5%	1/4W
R9	1-249-426-11	s	RES, CARBON	5.6K	5%	1/4W
R10	1-247-889-00	s	RES, CARBON	270K	5%	1/4W
R11	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
R12	1-247-883-00	s	RES, CARBON	150K	5%	1/4W
R13	1-247-849-00	s	RES, CARBON	5.6K	5%	1/4W
R14	1-247-889-00	s	RES, CARBON	270K	5%	1/4W
R15	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R16	1-249-429-11	s	RES, GARBON	10K	5%	1/4W
RV1	1-237-515-21	s	RES, ADJ, CERMET 1K			

JK-23 BOARD

Ref. No.	Parts No.	SP	Description
-	1-507-854-00	o	JACK, LARGE TYPE
-	1-627-141-11	o	PC BOARD JK-23
CN1	1-506-469-11	o	PIN, CONNECTOR 4P

JK-25 BOARD

Ref. No.	Parts No.	SP	Description
-	1-627-134-11	o	PC BOARD, JK-25
-	1-574-073-11	o	CORD (WITH SOLDERLESS TERMINAL)
CN863	1-506-469-11	o	PIN, CONNECTOR 4P
J1	1-507-854-00	s	JACK, LARGE TYPE

KC-17 BOARD

Ref. No.	Parts No.	SP	Description			
-	A-7850-638-A	o	COMPLETE PCB, KC-17			

(This assembly includes the following parts.)

Ref. No.	Parts No.	SP	Description			
-	2-355-254-01	s	SPACER (A), LCD			
-	9-911-845-99	s	CUSHION (A)			
C1	1-124-604-00	s	CAP, ELECT	330	20%	10V
C2	1-161-900-11	s	CAP, CERAMIC	1		50V
C3	1-161-772-11	s	CAP, CERAMIC	0.1	10%	25V
C4	1-124-254-00	s	CAP, ELECT	0.68	20%	50V
C5	1-161-772-11	s	CAP, CERAMIC	0.1	10%	25V
C6	1-161-772-11	s	CAP, CERAMIC	0.1	10%	25V
C7	1-102-963-00	s	CAP, CERAMIC	33P	5%	50V
C8	1-102-963-00	s	CAP, CERAMIC	33P	5%	50V
C9 to C16	1-161-772-11	s	CAP, CERAMIC	0.1	10%	25V
C17	1-102-973-00	s	CAP, CERAMIC	100P	5%	50V
C18	1-102-973-00	s	CAP, CERAMIC	100P	5%	50V
C19	1-124-604-00	s	CAP, ELECT	330	10%	25V
C20	1-161-772-11	s	CAP, CERAMIC	0.1	10%	25V
C21	1-161-772-11	s	CAP, CERAMIC	0.1	10%	25V
C22	1-161-772-11	s	CAP, CERAMIC	0.1	10%	25V
C23	1-124-604-00	s	CAP, ELECT	330	20%	10V
C24 to C35	1-102-973-00	s	CAP, CERAMIC	100P	5%	50V
C36	1-124-604-00	s	CAP, ELECT	330	20%	10V
C37 to C44	1-124-443-00	s	CAP, ELECT	100	20%	10V
C45	1-161-772-11	s	CAP, CERAMIC	0.1	10%	25V
C46	1-124-604-00	s	CAP, ELECT	330	20%	10V
C47	1-124-604-00	s	CAP, ELECT	330	20%	10V
C48	1-161-772-11	s	CAP, CERAMIC	0.1	10%	25V
C49	1-161-772-11	s	CAP, CERAMIC	0.1	10%	25V
C50	1-124-604-00	s	CAP, ELECT	330	20%	10V
C51 to C58	1-124-443-00	s	CAP, ELECT	100	20%	10V
C59	1-161-772-11	s	CAP, CERAMIC	0.1	10%	25V
C60	1-161-772-11	s	CAP, CERAMIG	0.1	10%	25V
C61	1-124-604-00	s	CAP, ELECT	330	20%	10V

Ref. No.	Parts No.	SP	Description
C62	1-161-772-11	s	CAP, CERAMIC 0.1 10% 25V
C63	1-161-772-11	s	CAP, CERAMIC 0.1 10% 25V
C64	1-161-772-11	s	CAP, CERAMIC 0.1 10% 25V
C65	1-124-604-00	s	CAP, ELECT 330 20% 10V
C66 to C73	1-124-443-00	s	CAP, ELECT 100 20% 10V
C74	1-161-772-11	s	CAP, CERAMIC 0.1 10% 25V
C75	1-161-772-11	s	CAP, CERAMIC 0.1 10% 25V
C76	1-161-772-11	s	CAP, CERAMIC 0.1 10% 25V
C77	1-124-604-00	s	CAP, ELECT 330 20% 10V
C78	1-161-772-11	s	CAP, CERAMIC 0.1 10% 25V
C79	1-161-772-11	s	CAP, CERAMIC 0.1 10% 25V
C80	1-124-604-00	s	CAP, ELECT 330 20% 10V
C81	1-161-900-11	s	CAP, CERAMIC 1 50V
CN301	1-564-241-00	o	PIN, CONNECTOR 4P
CN302	1-565-687-11	o	HEADER, STRAIGHT 50P
CN303	1-565-686-11	o	HEADER, STRAIGHT 40P
CN304	1-565-684-11	o	HEADER, STRAIGHT 26P
CN305	1-565-685-11	o	HEADER, STRAIGHT 30P
CN306	1-565-682-11	o	HEADER, STRAIGHT 16P
CN307	1-565-687-11	o	HEADER, STRAIGHT 50P
CN308	1-535-619-11	o	BRACKET, TERMINAL
D1	8-719-911-19	s	DIODE 1SS119
IC101	8-759-107-45	s	IC UPA54HA
IC102	8-759-107-46	s	IC UPA64HA
IC103	8-759-107-45	s	IC UPA54HA
IC104	8-759-107-46	s	IC UPA64HA
IC105	8-759-107-45	s	IC UPA54HA
IC106	8-759-107-46	s	IC UPA64HA
IC107	8-759-107-45	s	IC UPA54HA
IC108	8-759-107-46	s	IC UPA64HA
IC109	8-759-107-45	s	IC UPA54HA
IC110	8-759-107-45	s	IC UPA54HA
IC111	8-759-107-45	s	IC UPA54HA
IC112	8-759-107-46	s	IC UPA64HA
ICA1	8-759-904-76	s	IC AM26LS31CN
ICA4	8-759-916-14	s	IC SN74HC04AN
ICA5	8-759-916-20	s	IC SN74HC14AN
ICA7	8-759-916-29	s	IC SN74HC74AN
ICA10	8-759-916-14	s	IC SN74HC04AN
ICB2	8-759-917-05	s	IC SN74HC541AN
ICB5	8-759-916-29	s	IC SN74HC74AN
ICB6	8-759-916-16	s	IC SN74HC08AN
ICB10	8-759-737-30	s	IC 27C128-KC-10-V1.1
ICC2	8-759-917-05	s	IC SN74HC541AN
ICC4	8-759-107-53	s	IC CXQ71055P
ICC5	8-759-916-25	s	IC SN74HC32AN
ICC6	8-759-916-25	s	IC SN74HC32AN
ICC8	8-759-937-99	s	IC LH5080A

Ref. No.	Parts No.	SP	Description
ICD1	8-759-904-77	s	IC AM26LS32ACN
ICD4	8-759-917-05	s	IC SN74HC541AN
ICD6	8-759-105-76	s	IC UPD71059C
ICD7	8-759-917-43	s	IC SN74HC138AN
ICD8	8-759-916-46	s	IC SN74HC139AN
ICD10	8-752-331-08	s	IC CXK5864BP-12L
ICE6	8-759-916-79	s	IC SN74HC273AN
ICE7	8-759-916-79	s	IC SN74HC273AN
ICF3	8-759-916-25	s	IC SN74HC32AN
ICF4	8-759-909-48	s	IC SN74LS641-1N
ICG3	8-759-645-21	s	IC M54521P
ICG4	8-759-917-43	s	IC SN74HC138AN
ICH3	8-759-645-21	s	IC M54521 P
ICH4	8-759-152-69	s	IC UPD8279C-2
ICJ3	8-759-916-79	s	IC SN74HC273AN
ICJ6	8-759-909-48	s	IC SN74LS641-1N
ICK4	8-759-152-69	s	IC UPD8279C-2
ICK6	8-759-917-05	s	IC SN74HC541AN
ICL6	8-759-917-43	s	IC SN74HC138AN
ICL7	8-759-909-48	s	IC SN74LS641-1N
ICL8	8-759-909-48	s	IC SN74L5641-1N
ICM1	8-759-916-71	s	IC SN74HC244AN
ICM7	8-759-909-48	s	IC SN74LS641-1N
ICM8	8-759-917-43	s	IC SN74HC138AN
ICN1	8-759-916-71	s	IC SN74HC244AN
ICN3	8-759-909-48	s	IC SN74LS641-1N
ICN6	8-759-917-05	s	IC SN74HC541AN
ICN8	8-759-917-11	s	IC SN74HC393AN
ICN9	8-759-152-69	s	IC UPD8279C-2
L1	1-409-340-00	s	COIL, SN
PH1 to PH7	8-719-945-60	s	PC827
Q1 to Q14	8-729-900-46	s	TRANSISTOR DTC143TF
Q15 to Q38	8-729-201-32	s	TRANSISTOR 2SA1013-O
R1	1-249-441-11	s	RES, CARBON 100K 5% 1/4W
R3	1-249-425-11	s	RES, CARBON 4.7K 5% 1/4W
R4	1-249-411-11	s	RES, CARBON 330 5% 1/4W
R5	1-247-903-00	s	RES, CARBON 1M 5% 1/4W
R6	1-249-421-11	s	RES, CARBON 2.2K 5% 1/4W

Ref. No.	Parts No.	SP	Description
R7	1-249-421-11	s	RES, CARBON 2.2K 5% 1/4W
R8	1-249-421-11	s	RES, CARBON 2.2K 5% 1/4W
R9	1-249-409-11	s	RES, CARBON 220 5% 1/4W
R10	1-249-409-11	s	RES, CARBON 220 5% 1/4W
R11	1-249-421-11	s	RES, CARBON 2.2K 5% 1/4W
R12 to R15	1-249-429-11	s	RES, CARBON 10K 5% 1/4W
R16	1-249-417-11	s	RES, CARBON 1K 5% 1/4W
R17	1-249-417-11	s	RES, CARBON 1K 5% 1/4W
R18	1-249-417-11	s	RES, CARBON 1K 5% 1/4W
R19	1-249-429-11	s	RES, CARBON 10K 5% 1/4W
R20	1-249-429-11	s	RES, CARBON 10K 5% 1/4W
R21	1-249-429-11	s	RES, CARBON 10K 5% 1/4W
R22	1-249-393-11	s	RES, CARBON 10 5% 1/4W
R23	1-249-393-11	s	RES, CARBON 10 5% 1/4W
R24 to R36	1-249-413-11	s	RES, CARBON 470 5% 1/4W
R37	1-212-942-00	s	RES, FUSE 2.2 5% 1/2W
R38 to R49	1-249-393-11	s	RES, CARBON 10 5% 1/4W
R50 to R57	1-249-405-11	s	RES, CARBON 100 5% 1/4W
R58 to R65	1-249-433-11	s	RES, CARBON 22K 5% 1/4W
R66 to R73	1-249-401-11	s	RES, CARBON 47 5% 1/4W
R74 to R81	1-249-405-11	s	RES, CARBON 100 5% 1/4W
R82 to R89	1-249-401-11	s	RES, CARBON 47 5% 1/4W
R90 to R97	1-249-405-11	s	RES, CARBON 100 5% 1/4W
R98 to R105	1-249-401-11	s	RES, CARBON 47 5% 1/4W
RB1 to RB5	1-235-195-00	s	RES, BLOCK 10K×8
RB6	1-235-192-00	s	RES BLOCK 1K×8
RB7	1-235-337-11	s	RES BLOCK 22K×8
RB8	1-235-195-00	s	RES BLOCK 10K×8
RB9	1-235-331-11	s	RES BLOCK 220×8
RB10	1-235-195-00	s	RES BLOCK 10K×8
RB11	1-235-194-00	s	RES BLOCK 4.7K×8
RB12	1-235-192-00	s	RES BLOCK 1K×8
RB13	1-235-195-00	s	RES BLOCK 10K×8
RB14	1-235-192-00	s	RES BLOCK 1K×8
RB15	1-235-195 00	s	RES BLOCK 10K×8
RB16	1-235-195-00	s	RES BLOCK 10K×8
RB17	1-235-192-00	s	RES BLOCK 1K×8
RB18	1-235-195-00	s	RES BLOCK 10K×8
RB19	1-235-195-00	s	RES BLOCK 10K×8
X1	1-527-848-00	s	OSCILLATOR, CRYSTAL

KY-140 BOARD

Ref. No.	Parts No.	SP	Description
-	9-994-964-01	o	MOUNTED PCB, KY-140

(This assembly includes the following parts.)

Ref. No.	Parts No.	SP	Description
-	9-994-987-01	s	HARNESS
D1 to D31	8-719-911-01	o	DIODE 1SS119
L1 to L6	9-994-984-01	s	NAY245
LED9	9-994-985-01	s	LED BG5785X
LED10	9-994-985-01	s	LED BG5785X
LED11	9-994-986-01	s	LED AY5785X
LED12	9-994-986-01	s	LED AY5785X
LED16	8-719-945-67	s	LED BR5785X
LED17	9-994-985-01	s	LED BG5785X
LED18	9-994-986-01	s	LED AY5785X
R1 to R6	1-249-411-11	s	RES, CARBON 330 5% 1/4W
SW1	1-571-653-11	s	SWITCH, TACTIL (Up to Serial No. 10700)
	1-571-653-21	s	SWITCH, TACTIL (Serial No. 10701 and higher)
SW2 to SW5	1-571-657-11	s	SWITCH, TACTIL (Up to Serial No. 10700)
	1-571-657-21	s	SWITCH, TACTIL (Serial No. 10701 and higher)
SW6 to SW11	1-571-655-11	s	SWITCH, TACTIL (Up to Serial No. 10700)
	1-571-655-21	s	SWITCH, TACTIL (Serial No 10701 and higher)
SW12	1-571-656-11	s	SWITCH,TACTIL (Up to Serial No. 10700)
	1-571-656-21	s	SWITCH, TACTIL (Serial No. 10701 and higher)
SW13 to SW18	1-571 653-11	s	SWITCH, TACTIL (Up to Serial No. 10700)
	1-571-653-21	s	SWITCH, TACTIL (Serial No 10701 and higher)

KY-141 BOARD

Ref. No.	Parts No.	SP	Description
-	9-994-970-01	o	MOUNTED PCB, KY-141

(This assembly includes the following parts.)

Ref. No.	Parts No.	SP	Description
D1 to D8	8-719-911-19	s	DIODE 1SS119
LED1 to LED15	8-719-914-33	s	LED PG3432SY
LED16	8-719-934-34	s	LED AA3432S
LED17	8-719-934-34	s	LED AA3432S
LED18	8-719-914-33	s	LED PG3432SY
LED19	8-719-914-33	s	LED PG3432SY
SW1 to SW7	1-571-156-11	s	SWITCH, TOGGLE

Ref. No.	Parts No.	SP	Description
KY-142 BOARD			
-	9-994-969-01	o	MOUNTED PCB, KY-142
(This assembly includes the following parts.)			
-	7-685-103-19	o	SCREW, +P3×5
-	9-994-994-01	o	HARNESS
-	9-994-995-01	o	LAMP, HOUSE
C1 to C7	1-123-875-11	s	CAP, ELECT 10 20% 50V
CN310	1-507-469-11	s	PIN, CONNECTOR 4P
CN311	1-565-683-11	s	PIN, CONNECTOR 20P
IC1	9-994-993-01	s	IC M51907P
IC2	9-994-993-01	s	IC M51907P
LED1 to LED7	9-994-988-01	s	LED EBG5541K
LED8	9-994-989-01	s	LED BR5541K
LED9	9-994-990-01	s	LED AA5541K
LED10	9-994-989-01	s	LED BR5541K
LED11 to LED17	9-994-988-01	s	LED EBG5541K
LED18	9-994-989-01	s	LED BR5541K
LED19	9-994-990-01	s	LED AA5541K
LED20	9-994-989-01	s	LED BR5541K
LED21	8-719-945-67	s	LED BR5785K
LED22	9-994-990-01	s	LED AA5541K
LED23	9-994-988-01	s	LED EBG5541K
LED24	9-994-989-01	s	LED BR5541K
LED25	9-994-980-01	s	LED AA5541K
LED26	9-994-989-01	s	LED BR5541K
LED27	9-994-986-01	s	LED AY5785X
LED28	9-994-990-01	s	LED AA5541K
LED29	9-994-988-01	s	LED EBG5541K
LED30	9-994-989-01	s	LED BR5541K
LED31	9-994-989-01	s	LED BR5541K
LED32	8-719-745-67	s	LED BR5785X
LED33	8-719-745-67	s	LED BR5785X
LED34	9-994-991-01	s	LED MU08-2201
LED35	9-995-008-01	s	LED AA5785X
LED36	9-994-991-01	s	LED MU08-2201
LED37	9-994-992-01	s	LED MU08-5201
LED38	8-719-945-67	s	LED BR5785X
LED39	8-719-942-67	s	LED PG5785X

Ref. No.	Parts No.	SP	Description
R1	1-249-410-11	s	RES, CARBON 270 5% 1/4W (Up to Serial No.10100)
	1-249-412-11	s	RES, CARBON 390 5% 1/4W (Serial No.10101 and higher)
R2	1-249-429-11	s	RES, CARBON 10K 5% 1/4W
R3	1-249-431-11	s	RES, CARBON 15K 5% 1/4W
R4	1-249-431-11	s	RES, CARBON 15K 5% 1/4W
R5	1-249-426-11	s	RES, CARBON 5.6K 5% 1/4W (Up to Serial No. 10100)
	1-249-429-11	s	RES, CARBON 10K 5% 1/4W (Serial No.10101 and higher)
R6	1-249-413-11	s	RES, CARBON 470 5% 1/4W
R7	1-249-413-11	s	RES, CARBON 470 5% 1/4W
R8	1-249-410-11	s	RES, CARBON 270 5% 1/4W (Up to Serial No.10100)
	1-249-412-11	s	RES, CARBON 390 5% 1/4W (Serial No.10101 and higher)
R9	1-249-429-11	s	RES, CARBON 10K 5% 1/4W
R10	1-249-431-11	s	RES, CARBON 15K 5% 1/4W
R11	1-249-431-11	s	RES, CARBON 15K 5% 1/4W
R12	1-249-426-11	s	RES, CARBON 5.6K 5% 1/4W (Up to Serial No.10100)
	1-249-429-11	s	RES, CARBON 10K 5% 1/4W (Serial No.10101 and higher)
R13	1-249-413-11	s	RES, CARBON 470 5% 1/4W
R14	1-249-413-11	s	RES, CARBON 470 5% 1/4W
R15	1-249-413-11	s	RES, CARBON 470 5% 1/4W
R16	1-249-413-11	s	RES, CARBON 470 5% 1/4W
R17	1-249-410-11	s	RES, CARBON 270 5% 1/4W
R18 to R22	1-249-413-11	s	RES, CARBON 470 5% 1/4W
R23	1-249-410-11	s	RES, CARBON 270 5% 1/4W
R24	1-249-410-11	s	RES, CARBON 470 5% 1/4W
R25	1-249-413-11	s	RES, CARBON 470 5% 1/4W
KY-143 BOARD			
-	1-627-140-12	o	PC BOARD, KY-143
-	9-994-952-01	o	SW CHASSIS (1)
-	9-994-983-01	s	LAMP
-	9-995-001-01	o	HARNESS
D1 to D8	8-719-911-19	o	DIODE 1SS119
SW1	9-994-982-01	s	SWITCH, PUSH BUTTON
SW2 to SW7	9-994-981-01	s	SWITCH, PUSH BUTTON
SW8	9-994-982-01	s	SWITCH, PUSH BUTTON

Ref. No.	Parts No.	SP	Description
LD-24 BOARD			
-	9-994-967-01	o	MOUNTED PCB, LD-24
(This assembly includes the following parts.)			
-	9-995-005-01	o	HARNESS
-	9-995-006-01	o	HARNESS
DB1	9-995-004-01	s	BU4724
DB2	9-995-004-01	s	BU4724
DB3	9-995-004-01	s	BU4724
MAE-1 BOARD			
-	A-7850-676-A	o	COMPLETE PCB, MAE-1
(This assembly includes the following parts.)			
-	3-703-486-00	s	SCREW +PTTWH 3×5
-	3-714-634-01	o	LEVER, PC BOARD
-	7-626-320-11	o	PIN, SPRING 3×8
-	7-685-546-14	s	SCREW +BTP 3×8 TYPE2
C1 to C11	1-101-004-00	s	CAP, CERAMIC 0.01 50V
C12	1-124-925-11	s	CAP, ELECT 2.2 20% 50V
C13	1-101-004-00	s	CAP, CERAMIC 0.01 50V
C14	1-101-004-00	s	CAP, CERAMIC 0.01 50V
C15	1-124-473-11	s	CAP, ELECT 1000 20% 10V
C16 to C70	1-101-004-00	s	CAP, CERAMIC 0.01 50V
C71	1-102-121-00	s	CAP, CERAMIC 0.0022 10% 50V
C72	1-101-004-00	s	CAP, CERAMIC 0.01 50V
C73	1-102-121-00	s	CAP, CERAMIC 0.0022 10% 50V
C74	1-102-121-00	s	CAP, CERAMIC 0.0022 10% 50V
C75	1-102-121-00	s	CAP, CERAMIC 0.0022 10 % 50V
C77	1-101-004-00	s	CAP, CERAMIC 0.01 50V
C78	1-124-477-11	s	CAP, ELECT 47 20% 25V
C79 to C89	1-101-004-00	s	CAP, CERAMIC 0.01 50V
C90	1-101-880-00	s	CAP, CERAMIC 47P 5% 50V
C91	1-124-927-11	s	CAP, ELECT 4.7 20% 50V
C92 to C113	1-101-004-00	s	CAP, CERAMIC 0.01 50V
C114	1-124-477-11	s	CAP, ELECT 47 20 % 25V
C115	1-136-161-00	s	CAP, FILM 0.047 5% 50V
C116	1-131-347-00	s	CAP, TANT 1 10% 35V
C117	1-124-477-11	s	CAP, ELECT 47 20% 25V
C118	1-131-349-00	s	CAP, TANT 2.2 10% 35V
C119	1-131-349-00	s	CAP, TANT 2.2 10% 35V
C120	1-102-973-00	s	CAP, CERAMIC 100P 5% 50V
C121	1-131-347-00	s	CAP, TANT 1 10% 35V
C122	1-102-074-00	s	CAP, CERAMIC 0.001 10% 50V
C123	1-102-074-00	s	CAP, CERAMIC 0.001 10% 50V
C124	1-102-973-00	s	CAP, CERAMIC 100P 5% 50V
C125	1-124-479-11	s	CAP, ELECT 330 20% 25V
C126 to C129	1-102-959-00	s	CAP, CERAMIC 22P 5% 50V
C130	1-102-963-00	s	CAP, CERAMIC 33P 5% 50V
C131	1-102-963-00	s	CAP, CERAMIC 33P 5% 50V
C132 to C160	1-101-004-00	s	CAP, CERAMIC 0.01 50V
C161	1-102-973-00	s	CAP, CERAMIC 100P 5% 50V
C162	1-102-973-00	s	CAP, CERAMIC 100P 5% 50V
C163	1-101-880-00	s	CAP, CERAMIC 47P 5% 50V
C164	1-101-880-00	s	CAP, CERAMIC 47P 5% 50V
C165 to C168	1-102-959-00	s	CAP, CERAMIC 22P 5% 50V
C169	1-136-169-00	s	CAP, FILM 0.22 5% 50V
C170	1-136-169-00	s	CAP, FILM 0.22 5% 50V
C171 to C183	1-101-004-00	s	CAP, CERAMIC 0.01 50V
C184	1-136-169-00	s	CAP, FILM 0.22 5% 50V
C185	1-101-880-00	s	CAP, CERAMIC 47P 5% 50V
C186	1-101-880-00	s	CAP, CERAMIC 47P 5% 50V
C187	1-136-169-00	s	CAP, FILM 0.22 5% 50V
C188 to C191	1-102-959-00	s	CAP, CERAMIC 22P 5% 50V
C192 to C204	1-101-004-00	s	CAP, CERAMIC 0.01 50V
C205 to C208	1-102-959-00	s	CAP, CERAMIC 22P 5% 50V
C209 to C222	1-101-004-00	s	CAP, CERAMIC 0.01 50V
C223	1-102-959-00	s	CAP, CERAMIC 22P 5% 50V
C224	1-102-959-00	s	CAP, CERAMIC 22P 5% 50V
CN1	1-564-152-00	o	CONNECTOR, PS-SF 10P
CN2	1-564-152-00	o	CONNECTOR, PS-SF 10P
CN3	1-565-207-21	s	CONNECTOR, DIN(MALE) 128P
CN4	1-565-207-21	s	CONNECTOR, DIN(MALE) 128P
D1	8-719-911-19	s	DIODE 1SS119
D2 to D5	8-719-812-41	s	DIODE TLR124
D6	8-719-911-19	s	DIODE 1SS119
D7	8-719-911-19	s	DIODE 1SS119
D8	8-719-915-43	s	DIODE FC54M
D9	8-719-918-70	s	DIODE LB-202DB
D10	8-719-918-70	s	DIODE LB-202DB
FL1	1-424-008-11	s	FILTER, NOISE (SIGNAL LINE)
FL2	1-424-008-11	s	FILTER, NOISE (SIGNAL LINE)
IC1	8-759-982-23	s	IC RC78L08A
IC2	8-752-306-51	s	IC CX23065A
IC3	8-759-982-21	s	IC RC78L05A
IC4	8-759-932-23	s	IC TLC272CP
IC5	8-759-107-46	s	IC UPA64HA

Ref. No.	Parts No.	SP	Description
IC6	8-759-107-45	s	IC UPA54HA
IC7	8-759-107-46	s	IC UPA64HA
IC8	8-759-107-45	s	IC UPA54HA
IC9	8-759-107-46	s	IC UPA64HA
IC10	8-759-107-45	s	IC UPA54HA
IC11	8-759-107-46	s	IC UPA64HA
IC12	8-759-107-45	s	IC UPA54HA
IC13	8-759-107-46	s	IC UPA64HA
IC14	8-759-107-45	s	IC UPA54HA
IC15	8-759-107-45	s	IC UPA54HA
IC16	8-759-107-45	s	IC UPA54HA
IC17	8-759-107-45	s	IC UPA54HA
ICA1	8-759-917-05	s	IC SN74HC541AN
ICA2	8-759-921-10	s	IC SN74HC86AN
ICA3	8-759-916-12	s	IC SN74HC00AN
ICA4	8-759-202-91	s	IC TC74HC148P
ICA5	8-759-001-00	s	IC MC74HC132N
ICA6	8-759-001-00	s	IC MC74HC132N
ICA7	8-759-001-90	s	IC MC74F74N
ICA8	8-759-001-90	s	IC MC74F74N
ICA9	8-759-916-16	s	IC SN74HC08AN
ICA10	8-759-234-62	s	IC TC74HC4072AP
ICA11	8-759-921-82	s	IC SN74HC4075AN
ICA12	8-759-916-12	s	IC SN74HC00AN
ICB1	8-759-918-33	s	IC CX20160
ICB2	8-759-921-83	s	IC SN74HC4078BN
ICB3	8-759-916-29	s	IC SN74HC74N
ICB4	8-759-904-09	s	IC SN74LS688N
ICB5	8-759-785-34	s	IC 28L22-BC05V1
ICB6	8-759-785-35	s	IC 28L22-BC06V1
ICB7	8-759-902-73	s	IC SN74LS273N
ICB8	8-759-901-57	s	IC SN74LS157N
ICB9	8-759-902-47	s	IC SN74LS247N
ICB10	8-759-900-20	s	IC SN74LS20N
ICB11	8-759-916-29	s	IC SN74HC74N
ICB12	8-759-916-18	s	IC SN74HC10AN
ICB13	8-759-921-21	s	IC SN74HC163AN
ICC1	8-759-945-98	s	IC CXD1146Q
ICC3	8-759-001-37	s	IC MC74HC162N
ICC4	8-759-904-09	s	IC SN74LS688N
ICC5	8-759-785-34	s	IC 28L22-BC05V1
ICC6	8-759-785-35	s	IC 28L22-BC06V1
ICC7	8-759-902-73	s	IC SN74LS273N
ICC8	8-759-901-57	s	IC SN74LS157N
ICC9	8-759-902-47	s	IC SN74LS247N
ICC10	8-752-322-10	s	IC CXK5814P-45L
ICC11	8-759-785-36	s	IC 28L22-C11V1
ICC12	8-759-785-37	s	IC 28L22-C12V1
ICC13	8-759-785-38	s	IC 28L22-C13V1
ICD3	8-759-032-93	s	IC MC74HC595AN (Up to Serial No. 20600)
ICD4	8-759-903-06	s	IC SN74LS597N
ICD5	8-759-917-06	s	IC SN74HC574AN
ICD6	8-759-785-33	s	IC 27C256-D06V1
ICD7	8-759-785-42	s	IC 28L42-D07V1
ICD8	8-759-785-43	s	IC 28L42-D08V1
ICD9	8-759-785-44	s	IC 28L42-D09V1
ICD10	8-759-916-98	s	IC SN74HC377N
ICD11	8-759-785-48	s	IC 27C256-D11V1
ICD13	8-759-921-21	s	IC SN74HC163AN
ICE1	8-759-944-75	s	IC DASH007Q
ICE3	8-759-001-63	s	IC MC74HC595N
ICE4	8-759-903-06	s	IC SN74LS597N
ICE5	8-759-916-14	s	IC SN74HC04AN
ICE7	8-759-917-06	s	IC SN74HC574AN
ICE8	8-759-916-98	s	IC SN74HC377N
ICE9	8-759-916-98	s	IC SN74HC377N
ICE10	8-759-916-98	s	IC SN74HC377N
ICE13	8-759-921-21	s	IC SN74HC163AN
ICF1	8-759-903-06	s	IC SN74LS597N
ICF2	8-759-903-06	s	IC SN74LS597N
ICF3	8-759-916-29	s	IC SN74HC74N
ICF4	8-759-916-12	s	IC SN74HC00AN
ICF5	8-759-916-12	s	IC SN74HC00AN
ICF6	8-759-917-06	s	IC SN74HC574AN
ICF7	8-759-916-74	s	IC SN74HC253AN
ICF8	8-759-916-74	s	IC SN74HC253AN
ICF9	8-759-916-50	s	IC SN74HC157AN
ICF10	8-759-916-98	s	IC SN74HC377N
ICF11	8-759-916-53	s	IC SN74HC166AN
ICF12	8-759-916-14	s	IC SN74HC04AN
ICF13	8-759-921-21	s	IC SN74HC163AN
ICG1	8-759-903-06	s	IC SN74LS597N
ICG2	8-759-903-06	s	IC SN74LS597N
ICG3	8-759-916-12	s	IC SN74HC00AN
ICG4	8-759-900-74	s	IC SN74LS74AN
ICG5	8-759-916-16	s	IC SN74HC08AN
ICG6	8-759-917-06	s	IC SN74HC574AN
ICG7	8-759-916-74	s	IC SN74HC253AN
ICG8	8-759-916-74	s	IC SN74HC253AN
ICG9	8-759-916-50	s	IC SN74HC157AN
ICG10	8-759-916-98	s	IC SN74HC377N
ICG11	8-759-916-53	s	IC SN74HC166AN
ICG12	8-759-916-16	s	IC SN74HC08AN
ICG13	8-759-921-21	s	IC SN74HC163AN
ICH1	8-759-916-12	s	IC SN74HC00AN
ICH2	8-759-921-10	s	IC SN74HC86AN
ICH3	8-759-916-34	s	IC SN74HC85BN
ICH4	8-759-916-50	s	IC SN74HC157AN
ICH5	8-759-916-12	s	IC SN74HC00AN

Ref. No.	Parts No.	SP	Description
ICH6	8-759-916-98	s	IC SN74HC377N
ICH7	8-752-322-10	s	IC CXK5814P-45L
ICH8	8-759-917-06	s	IC SN74HC574AN
ICH9	8-759-917-17	s	IC SN74HCT574AN
ICH10	8-759-916-53	s	IC SN74HC166AN
ICH11	8-759-904-09	s	IC SN74LS688N
ICH12	8-759-921-08	s	IC SN74HC02AN
ICH13	8-759-917-11	s	IC SN74HC393AN
ICJ1	8-759-917-06	s	IC SN74HC574AN
ICJ2	8-759-921-10	s	IC SN74HC86AN
ICJ3	8-759-916-34	s	IC SN74HC85BN
ICJ4	8-759-916-50	s	IC SN74HC157AN
ICJ5	8-759-917-06	s	IC SN74HC574AN
ICJ6	8-759-917-06	s	IC SN74HC574AN
ICJ7	8-752-322-10	s	IC CXK5814P-45L
ICJ8	8-759-916-12	s	IC SN74HC00AN
ICJ9	8-759-785-39	s	IC 28L22-J09V1
ICJ10	8-759-917-17	s	IC SN74HCT574AN
ICJ11	8-759-785-40	s	IC 28L22-J11V1
ICJ12	8-759-916-29	s	IC SN74HC74N
ICJ13	8-759-916-12	s	IC SN74HC00AN
ICK1	8-759-916-42	s	IC SN74HC133N
ICK2	8-759-921-10	s	IC SN74HC86AN
ICK3	8-759-916-34	s	IC SN74HC85BN
ICK4	8-759-916-50	s	IC SN74HC157AN
ICK5	8-759-916-16	s	IC SN74HC08AN
ICK6	8-759-916-98	s	IC SN74HC377NL
ICK7	8-752-322-10	s	IC CXK5814P-45L
ICK8	8-759-917-06	s	IC SN74HC574AN
ICK9	8-759-917-17	s	IC SN74HCT574AN
ICK10	8-759-916-35	s	IC SN74HC107AN
ICK11	8-759-921-21	s	IC SN74HC163AN
ICK12	8-759-916-12	s	IC SN74HC00AN
ICK13	8-759-921-21	s	IC SN74HC163AN
ICL1	8-759-917-06	s	IC SN74HC574AN
ICL2	8-759-921-10	s	IC SN74HC86AN
ICL3	8-759-916-34	s	IC SN74HC85BN
ICL4	8-759-916-50	s	IC SN74HC157AN
ICL5	8-759-917-06	s	IC SN74HC574AN
ICL6	8-759-917-06	s	IC SN74HC574AN
ICL8	8-759-916-98	s	IC SN74HC377N
ICL9	8-759-785-41	s	IC 28L22-L09V1
ICL10	8-759-902-73	s	IC SN74LS273N
ICL11	8-759-921-21	s	IC SN74HC163AN
ICL12	8-759-916-14	s	IC SN74HC04AN
ICL13	8-759-921-21	s	IC SN74HC163AN
ICM1	8-759-916-12	s	IC SN74HC00AN
ICM2	8-759-916-29	s	IC SN74HC74N
ICM3	8-759-916-40	s	IC SN74HC125AN
ICM4	8-759-916-40	s	IC SN74HC125AN
ICM5	8-759-916-55	s	IC SN74HC175AN
ICM6	8-759-921-08	s	IC SN74HC02AN
ICM7	8-752-322-10	s	IC CXK5814P-45L
ICM8	8-759-001-63	s	IC MC74HC595N
ICM9	8-759-001-63	s	IC MC74HC595N
ICM11	8-759-921-21	s	IC SN74HC163AN
ICM12	8-759-947-14	s	IC 74AC04PC
ICM13	8-759-915-93	s	IC 74F163APC
ICN1	8-759-239-47	s	IC TC74HC123AP
ICN2	8-759-916-29	s	IC SN74HC74N
ICN3	8-759-916-25	s	IC SN74HC32AN
ICN4	8-759-916-35	s	IC SN74HC107AN
ICN5	8-759-947-14	s	IC 74AC04PC
ICN6	8-759-980-64	s	IC DASH006AQ
ICN9	8-759-918-33	s	IC CX20160
ICN10	8-759-904-81	s	IC 74F08PC
ICN11	8-759-915-93	s	IC 74F163APC
ICN12	8-759-916-34	s	IC SN74HC85BN
ICN13	8-759-915-93	s	IC 74F163APC
ICP1	8-759-917-06	s	IC SN74HC574AN
ICP2	8-759-001-63	s	IC MC74HC595N
ICP3	8-759-917-06	s	IC SN74HC574AN
ICP4	8-759-001-63	s	IC MC74HC595N
ICP5	8-759-917-05	s	IC SN74HC541AN
ICP9	8-759-916-54	s	IC SN74HC174AN
ICP10	8-759-951-21	s	IC SN75121N
ICP11	8-759-926-31	s	IC AM26LS31PC
ICP12	8-759-926-31	s	IC AM26LS31PC
ICP13	8-759-904-81	s	IC 74F08PC
ICQ1	8-759-917-06	s	IC SN74HC574AN
ICQ2	8-759-001-63	s	IC MC74HC595N
ICQ3	8-759-917-06	s	IC SN74HC574AN
ICQ4	8-759-001-63	s	IC MC74HC595N
ICQ5	8-759-917-05	s	IC SN74HC541AN
ICQ6	8-759-945-98	s	IC CXD1146Q
ICQ7	8-759-917-18	s	IC SN74HCU04AN
ICQ9	8-759-951-24	s	IC SN75124N
ICQ10	8-759-926-32	s	IC AM26LS32PC
ICQ11	8-759-926-31	s	IC AM26LS31PC
ICQ12	8-759-926-31	s	IC AM26LS31PC
ICQ13	8-759-926-32	s	IC AM26LS32PC
L1	1-410-499-41	s	INDUCTOR 1.5UH
Q1 to Q4	8-729-903-02	s	TRANSISTOR DTA143XS
R1	1-247-895-00	s	RES, CARBON 470K 5% 1/4W
R2	1-249-422-11	s	RES, CARBON 2.7K 5% 1/4W
R3	1-249-422-11	s	RES, CARBON 2.7K 5% 1/4W
R4	1-249-437-11	s	RES, CARBON 47K 5% 1/4W
R5	1-249-437-11	s	RES, CARBON 47K 5% 1/4W

Ref. No.	Parts No.	SP	Description			
R6	1-249-422-11	s	RES, CARBON	2.7K	5%	1/4W
R7	1-249-437-11	s	RES, CARBON	47K	5%	1/4W
R8	1-249-437-11	s	RES, CARBON	47K	5%	1/4W
R9	1-249-441-11	s	RES, CARBON	100K	5%	1/4W
R10	1-249-437-11	s	RES, CARBON	47K	5%	1/4W
R11 to R14	1-249-413-11	s	RES, CARBON	470	5%	1/4W
R15	1-249-437-11	s	RES, CARBON	47K	5%	1/4W
R16	1-249-437-11	s	RES, CARBON	47K	5%	1/4W
R17 to R20	1-247-881-00	s	RES, CARBON	120K	5%	1/4W
R21	1-249-437-11	s	RES, CARBON	47K	5%	1/4W
R22	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R23	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R24	1-249-437-11	s	RES, CARBON	47K	5%	1/4W
R25	1-247-881-00	s	RES, CARBON	120K	5%	1/4W
R26	1-247-903-00	s	RES, CARBON	1M	5%	1/4W
R27	1-249-422-11	s	RES, CARBON	2.7K	5%	1/4W
R28	1-249-422-11	s	RES, CARBON	2.7K	5%	1/4W
R29	1-249-427-11	s	RES, CARBON	6.8K	5%	1/4W
R30	1-249-426-11	s	RES, CARBON	5.6K	5%	1/4W
R31	1-249-426-11	s	RES, CARBON	5.6K	5%	1/4W
R32	1-249-441-11	s	RES, CARBON	100K	5%	1/4W
R33	1-212-998-00	s	RES, FUSE	470	5%	1/2W F
R34	1-249-420-11	s	RES, CARBON	1.8K	5%	1/4W
R35	1-249-421-11	s	RES, CARBON	2.2K	5%	1/4W
R36	1-249-431-11	s	RES, CARBON	15K	5%	1/4W
R37	1-212-996-00	s	RES, FUSE	390	5%	1/2W F
R38	1-249-417-11	s	RES, CARBON	1K	5%	1/4W
R39 to R52	1-249-409-11	s	RES, CARBON	220	5%	1/4W
R53 to R56	1-249-393-11	s	RES, CARBON	10	5%	1/4W
R57	1-249-401-11	s	RES, CARBON	47	5%	1/4W
R58	1-214-837-11	s	RES, METAL	75	1%	1/2W
R59	1-214-837-11	s	RES, METAL	75	1%	1/2W
R60	1-249-401-11	s	RES, CARBON	47	5%	1/4W
R61	1-249-437-11	s	RES, CARBON	47K	5%	1/4W
R62	1-249-441-11	s	RES, CARBON	100K	5%	1/4W
R63	1-249-441-11	s	RES, CARBON	100K	5%	1/4W
R64	1-249-421-11	s	RES, CARBON	2.2K	5%	1/4W
R65	1-249-401-11	s	RES, CARBON	47	5%	1/4W
R66	1-249-421-11	s	RES, CARBON	2.2K	5%	1/4W
R67	1-249-401-11	s	RES, CARBON	47	5%	1/4W
R68	1-249-411-11	s	RES, CARBON	330	5%	1/4W
R69	1-249-411-11	s	RES, CARBON	330	5%	1/4W
R70	1-249-405-11	s	RES, CARBON	100	5%	1/4W
R71	1-249-405-11	s	RES, CARBON	100	5%	1/4W
R72	1-249-417-11	s	RES, CARBON	1K	5%	1/4W

Ref. No.	Parts No.	SP	Description			
R73	1-249-417-11	s	RES, CARBON	1K	5%	1/4W
R74	1-215-398-00	s	RES, METAL	110	1%	1/4W
R75	1-249-405-11	s	RES, CARBON	100	5%	1/4W
R76	1-249-405-11	s	RES, CARBON	100	5%	1/4W
R77	1-249-409-11	s	RES, CARBON	220	5%	1/4W
R78	1-249-393-11	s	RES, CARBON	10	5%	1/4W
R79	1-249-393-11	s	RES, CARBON	10	5%	1/4W
R80	1-249-437-11	s	RES, CARBON	47K	5%	1/4W
R81	1-249-441-11	s	RES, CARBON	100K	5%	1/4W
R82	1-249-441-11	s	RES, CARBON	100K	5%	1/4W
R83	1-249-413-11	s	RES, CARBON	470	5%	1/4W
R84 to R93	1-249-393-11	s	RES, CARBON	10	5%	1/4W
R94	1-249-437-11	s	RES, CARBON	47K	5%	1/4W
R95	1-249-441-11	s	RES, CARBON	100K	5%	1/4W
R96	1-249-441-11	s	RES, CARBON	100K	5%	1/4W
R97	1-249-393-11	s	RES, CARBON	10	5%	1/4W
R98	1-249-393-11	s	RES, CARBON	10	5%	1/4W
R99	1-249-441-11	s	RES, CARBON	100K	5%	1/4W
R100	1-249-441-11	s	RES, CARBON	100K	5%	1/4W
R109	1-249-437-11	s	RES, CARBON	47K	5%	1/4W
R110 to R113	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
R114	1-249-421-11	s	RES, CARBON	2.2K	5%	1/4W
R115	1-249-421-11	s	RES, CARBON	2.2K	5%	1/4W
R116	1-249-422-11	s	RES, CARBON	2.7K	5%	1/4W
R117	1-249-421-11	s	RES, CARBON	2.2K	5%	1/4W
R118	1-249-437-11	s	RES, CARBON	47K	5%	1/4W
R119 to R130	1-249-406-11	s	RES, CARBON	120	5%	1/4W
R131	1-249-437-11	s	RES, CARBON	47K	5%	1/4W
R132	1-249-441-11	s	RES, CARBON	100K	5%	1/4W
RB1	1-235-195-00	s	RES BLOCK 10K×8			
RB2	1-235-195-00	s	RES BLOCK 10K×8			
RB3	1-235-196-00	s	RES BLOCK 100K×8			
RB4	1-235-196-00	s	RES BLOCK 100K×8			
RB5	1-235-359-11	s	RES BLOCK 47K×4			
RB6	1-235-359-11	s	RES BLOCK 47K×4			
RB7	1-235-359-11	s	RES BLOCK 47K×4			
RB8	1-235-195-00	s	RES BLOCK 10K×8			
RB9	1-235-195-00	s	RES BLOCK 10K×8			
RB10	1-235-359-11	s	RES BLOCK 47K×4			
RB11	1-235-359-11	s	RES BLOCK 47K×4			
RB12	1-235-351-11	s	RES BLOCK 2.2K×4			
RB13	1-235-195-00	s	RES BLOCK 10K×8			
RB14	1-235-195-00	s	RES BLOCK 10K×8			
RB15	1-235-195-00	s	RES BLOCK 10K×8			
RB16	1-235-339-11	s	RES BLOCK 47K×8			
RB17	1-235-351-11	s	RES BLOCK 2.2K×4			
RB18	1-235-351-11	s	RES BLOCK 2.2K×4			
RB19	1-231-503-00	s	RES BLOCK 560×4			

Ref. No.	Parts No.	SP	Description
SW1	1-554-955-11	s	SWITCH, ROTARY
SW2	1-571-636-11	s	SWITCH, TOGGLE
SW3	1-571-408-11	s	SWITCH, TOGGLE
SW4	1-571-408-11	s	SWITCH, TOGGLE
SW5	1-571-408-11	s	SWITCH, TOGGLE
SW6	1-571-634-11	s	SWITCH, ROTARY
SW7	1-571-634-11	s	SWITCH, ROTARY
SW8	1-570-623-11	s	SWITCH, DIP
SW9	1-554-080-00	s	SWITCH, ROTARY

MAE-4 BOARD

Ref. No.	Parts No.	SP	Description
	1-646-004-11	o	PC BOARD, MAE-4
CN1001	1-566-088-11	o	DIL, PLUG 16P
IC1001 to IC1003	8-759-032-59	s	MC74HC595AF

MB-194 BOARD

Ref. No.	Parts No.	SP	Description
-	A-7850-646-A	o	COMPLETE PCB, MB-194

(This assembly includes the following parts.)

Ref. No.	Parts No.	SP	Description
-	7-621-775-50	s	SCREW+B2.6×10
-	7-622-207-05	s	N2.6,TYPE2
C11	1-161-900-11	s	CAP, CERAMIC 1 50V
C12	1-124-122-11	s	CAP, ELECT 100 20% 50V
C13	1-161-900-11	s	CAP, CERAMIC 1 50V
C14	1-124-122-11	s	CAP, ELECT 100 20% 50V
C15	1-161-900-11	s	CAP, CERAMIC 1 50V
C16	1-124-122-11	s	CAP, ELECT 100 20% 50V
C17	1-161-900-11	s	CAP, CERAMIC 1 50V
C18	1-124-122-11	s	CAP, ELECT 100 20% 50V
C21	1-161-900-11	s	CAP, CERAMIC 1 50V
C22	1-124-122-11	s	CAP, ELECT 100 20% 50V
C23	1-124-122-11	s	CAP, ELECT 100 20% 50V
C24	1-161-900-11	s	CAP, CERAMIC 1 50V
C25	1-124-122-11	s	CAP, ELECT 100 20% 50V
C26	1-161-900-11	s	CAP, CERAMIC 1 50V
C27	1-161-900-11	s	CAP, CERAMIC 1 50V
C28	1-124-122-11	s	CAP, ELECT 100 20% 50V
C31	1-124-122-11	s	CAP, ELECT 100 20% 50V
C32	1-161-900-11	s	CAP, CERAMIC 1 50V
C33	1-124-122-11	s	CAP, ELECT 100 20% 50V
C34	1-161-900-11	s	CAP, CERAMIC 1 50V
C35	1-124-122-11	s	CAP, ELECT 100 20% 50V
C36	1-161-900-11	s	CAP, CERAMIC 1 50V
C37	1-161-900-11	s	CAP, CERAMIC 1 50V
C38	1-124-122-11	s	CAP, ELECT 100 20% 50V
C41	1-126-101-11	s	CAP, ELECT 100 20% 16V
C42	1-161-900-11	s	CAP, CERAMIC 1 50V
C43	1-126-101-11	s	CAP, ELECT 100 20% 16V
C44	1-161-900-11	s	CAP, CERAMIC 1 50V
C45	1-126-101-11	s	CAP, ELECT 100 20% 16V
C46	1-161-900-11	s	CAP,CERAMIC 1 50V
C47	1-126-101-11	s	CAP, ELECT 100 20% 16V
C48	1-161-900-11	s	CAP, CERAMIC 1 50V
C49	1-126-101-11	s	CAP, ELECT 100 20% 16V
C50	1-161-900-11	s	CAP, CERAMIC 1 50V
C51	1-126-101-11	s	CAP, ELECT 100 20% 16V
C52	1-161-900-11	s	CAP, CERAMIC 1 50V
CN200	1-506-480-11	o	PIN, CONNECTOR 15P
CN201	1-506-480-11	o	PIN, CONNECTOR 15P
CN202	1-506-469-11	o	PIN, CONNECTOR 4P
CN203	1-506-480-11	o	PIN, CONNECTOR 15P
CN204	1-506-480-11	o	PIN, CONNECTOR 15P
CN205	1-506-477-11	o	PIN, CONNECTOR 12P
CN206	1-565-687-11	o	HEADER, STRAIGHT 50P
CN207	1-506-471-11	o	PIN, CONNECTOR 6P
CN208	1-506-468-11	o	PIN, CONNECTOR 3P
CN209	1-506-468-11	o	PIN, CONNECTOR 3P
CN210	1-506-471-11	o	PIN, CONNECTOR 6P
CN211	1-506-468-11	o	PIN, CONNECTOR 3P
CN212	1-565-683-11	o	HEADER, STRAIGHT 20P
CN213	1-506-470-11	o	PIN, CONNECTOR 5P
CN214	1-506-634-11	o	CONNECTOR, PS 10P
CN215	1-564-905-11	o	PIN, CONNECTOR 9P
CN216	1-565-205-12	o	CONNECTOR, DIN 128P
CN217	1-565-205-12	o	CONNECTOR, DIN 128P
CN218	1-565-205-12	o	CONNECTOR, DIN 128P
CN220	1-535-619-11	o	BRACKET, TERMINAL
CN222	1-535-619-11	o	BRACKET, TERMINAL
CN224	1-535-619-11	o	BRACKET, TERMINAL
R1	1-212-942-00	s	RES, FUSE 2.2 5% 1/2W

MB-195 BOARD

Ref. No.	Parts No.	SP	Description
-	A-7850-650-A	o	COMPLETE PCB, MB-195

(This assembly includes the following parts.)

Ref. No.	Parts No.	SP	Description
-	1-565-208-21	o	BUS, MINIATURE 9P
C401	1-124-589-11	s	CAP, ELECT 47 20% 16V
C402	1-124-589-11	s	CAP, ELECT 47 20% 16V
C403	1-161-900-11	s	CAP, CERAMIC 1 50V
C404	1-161-900-11	s	CAP, CERAMIC 1 50V
CN401 to CN434	1-565-206-11	o	CONNECTOR, DIN 128P
CN441 to CN447	1-535-619-11	o	BRACKET,TERMINAL
CN451 to CN454	1-565-688-11	o	HEADER, STRAIGHT 60P
CN455	1-565-687-11	o	HEADER, STRAIGHT 50P
CN456	1-565-687-11	o	HEADER, STRAIGHT 50P
CN457	1-565-688-11	o	HEADER, STRAIGHT 60P
CN458	1-565-687-11	o	HEADER, STRAIGHT 50P
CN459	1-565-683-11	o	HEADER, STRAIGHT 20P
CN460	1-565-687-11	o	HEADER, STRAIGHT 50P
CN461	1-565-684-11	o	HEADER, STRAIGHT 26P

Ref. No.	Parts No.	SP	Description
CN462	1-506-471-11	o	PIN, CONNECTOR 6P
CN463	1-565-683-11	o	HEADER, STRAIGHT 20P
CN464	1-565-683-11	o	HEADER, STRAIGHT 20P
CN465	1-565-684-11	o	HEADER, STRAIGHT 26P
CN471	1-506-475-11	o	PIN, CONNECTOR 10P
CN472	1-506-469-11	o	PIN, CONNECTOR 4P
CN473	1-506-477-11	o	PIN, CONNECTOR 12P
CN474	1-506-471-11	o	PIN, CONNECTOR 6P
CN476	1-506-471-11	o	PIN, CONNECTOR 6P
CN477	1-506-469-11	o	PIN, CONNECTOR 4P
CN478	1-506-470-11	o	PIN, CONNECTOR 5P
CN482	1-506-479-11	o	PIN, CONNECTOR 14P
R401 to R408	1-249-399-11	s	RES, CARBON 33 5% 1/4W
R409	1-249-403-11	s	RES, CARBON 68 5% 1/4W
R410	1-249-403-11	s	RES, CARBON 68 5% 1/4W

MB-196 BOARD

Ref. No.	Parts No.	SP	Description
-	A-7850-652-A	o	COMPLETE PCB, MB-196

(This assembly includes the following parts.)

Ref. No.	Parts No.	SP	Description
-	1-565-694-21	o	BUS, MINIATURE 7P
C501	1-124-589-11	s	CAP, ELECT 47 20% 16V
C502	1-124-589-11	s	CAP, ELECT 47 20% 16V
C503	1-124-242-00	s	CAP, ELECT 33 20% 25V
C504	1-124-242-00	s	CAP, ELECT 33 20% 25V
C505	1-124-589-11	s	CAP, ELECT 47 20% 16V
C506	1-124-589-11	s	CAP, ELECT 47 20% 16V
C507 to C512	1-161-900-11	s	CAP, CERAMIC 1 50V
CN500	1-535-619-11	o	BRACKET, TERMINAL
CN501 to CN530	1-565-206-11	o	CONNECTOR, 4 LINE DIN 128P
CN540 to CN550	1-535-619-11	o	BRACKET, TERMINAL
CN551	1-565-687-11	o	HEADER, STRAIGHT 50P
CN552	1-565-688-11	o	HEADER, STRAIGHT 60P
CN553 to CN556	1-565-687-11	o	HEADER, STRAIGHT 50P
CN557	1-565-684-11	o	HEADER, STRAIGHT 26P
CN558	1-565-683-11	o	HEADER, STRAIGHT 20P
CN559	1-565-683-11	o	HEADER, STRAIGHT 20P
CN560	1-565-684-11	o	HEADER, STRAIGHT 26P
CN561	1-506-480-11	o	PIN, CONNECTOR 15P
CN571 to CN594	1-506-477-11	o	PIN, CONNECTOR 12P
R501 to R504	1-249-401-11	s	RES, CARBON 47 5% 1/4W
R505 to R508	1-249-402-11	s	RES, CARBON 56 5% 1/4W
R509 to R512	1-249-401-11	s	RES, CARBON 47 5% 1/4W
R513 toR516	1-249-402-11	s	RES, CARBON 56 5% 1/4W

MC-33/33A BOARD

Ref. No.	Parts No.	SP	Description
-	A-7850-664-A	o	COMPLETE PCB, MC-33 (Up to Serial No. 12803)
-	A-7850-905-A	o	COMPLETE PCB, MC-33A (Serial No. 20001 and higher)

(These assemblies include the following parts.)

Ref. No.	Parts No.	SP	Description
-	3-714-634-01	o	LEVER, PC BOARD
-	7-626-320-11	o	PIN, SPRING 3×8
-	7-682-546-04	s	SCREW +PTTWH 3×5
-	7-685-546-14	s	SCREW +BTP 3×8 TYPE 2
-	9-911-845-99	s	CUSHION (A)
C7	1-124-257-00	s	CAP, ELECT 2.2 20% 50V
C8	1-161-772-11	s	CAP, CERAMIC 0.1 10% 25V
C9	1-161-772-11	s	CAP, CERAMIC 0.1 10% 25V
C10	1-125-447-11	s	CAP, DOUBLE LAYERS 1F 5.5V
C11	1-161-772-11	s	CAP, CERAMIC 0.1 10% 25V
C12	1-161-772-11	s	CAP, CERAMIC 0.1 10% 25V
C14	1-161-772-11	s	CAP, CERAMIC 0.1 10% 25V
C15	1-102-959-00	s	CAP, CERAMIC 22P 5% 50V
C16	1-102-959-00	s	CAP, CERAMIC 22P 5% 50V
C17 to C32	1-161-772-11	s	CAP, CERAMIC 0.1 10% 25V
C36 to C45	1-161-772-11	s	CAP, CERAMIC 0.1 10% 25V
C48 to C59	1-161-772-11	s	CAP, CERAMIC 0.1 10% 25V
C61 to C111	1-161-772-11	s	CAP, CERAMIC 0.1 10% 25V
C112	1-102-962-00	s	CAP, CERAMIC 33P 5% 50V
C113	1-102-963-00	s	CAP, CERAMIC 33P 5% 50V
C114 to C161	1-161-772-11	s	CAP, CERAMIC 0.1 10% 25V
C162	1-124-135-00	s	CAP, ELECT 470 20% 6.3V
C163	1-124-477-11	s	CAP, ELECT 47 20% 25V
C164	1-161-772-11	s	CAP, CERAMIC 0.1 10% 25V
C165	1-161-772-11	s	CAP, CERAMIC 0.1 10% 25V
C166	1-124-477-11	s	CAP, ELECT 47 20% 25V
C167 to C174	1-102-106-00	s	CAP CERAMIC 100P 10% 50V
C175 to C197	1-102-963-00	s	CAP, CERAMIC 33P 5% 50V
C198	1-124-135-00	s	CAP, ELECT 470 20% 6.3V
C199	1-125-447-11	s	CAP, DOUBLE LAYERS 1F 5.5V
C200	1-102-074-00	s	CAP, CERAMIC 0.001 10% 50V
C201	1-102-951-00	s	CAP, CERAMIC 15P 5% 50V
CN1	1-565-207-21	s	CONNECTOR, DIN(MALE) 128P
CN2	1-565-207-21	s	CONNECTOR, DIN(MALE) 128P
D1	8-719-812-43	s	DIODE TLG124A
D2	8-719-980-78	s	DIODE ERA83-006
D3	8-719-980-78	s	DIODE ERA83-006
D4	8-719-980-78	s	DIODE ERA83-006
D5	8-719-911-19	s	DIODE 1SS119

Ref. No.	Parts No.	SP	Description
D6	8-719-911-19	s	DIODE 1SS119
D7	8-719-911-19	s	DIODE 1SS119
D8	8-719-913-44	s	DIODE ERA82-004
D9	8-719-913-44	s	DIODE ERA82-004
D10	8-719-913-44	s	DIODE ERA82-004
IC1	8-759-913-42	s	IC PST520C-2
IC101	8-719-970-42	s	DIODE DAP401
IC102	8-759-905-43	s	IC DAN401
IC103	8-759-939-39	s	IC DAN801
IC104	8-759-939-38	s	IC DAP801
IC106	8-759-939-38	s	IC DAP801
IC107	8-759-939-39	s	IC DAN801
IC108	8-759-939-39	s	IC DAN801
IC109	8-759-939-38	s	IC DAP801
IC110	8-759-939-39	s	IC DAN801
IC111	8-759-939-38	s	IC DAP801
IC112	8-719-970-42	s	DIODE DAP401
IC113	8-759-905-43	s	IC DAN401
IC114	8-759-939-38	s	IC DAP801
IC115	8-759-939-39	s	IC DAN801
IC116	8-759-939-38	s	IC DAP801
IC117	8-759-939-39	s	IC DAN801
IC118	8-759-939-38	s	IC DAP801
IC119	8-759-939-39	s	IC DAN801
IC120	8-759-939-39	s	IC DAN801
IC121	8-759-939-38	s	IC DAP801
ICA2	8-759-105-76	s	IC UPD71059C
ICA4	8-759-105-76	s	IC UPD71059C
ICA6	8-752-337-46	s	IC CXK58257AP-10L
ICA8	8-752-337-46	s	IC CXK58257AP-10L
ICA10	8-759-916-20	s	IC SN74HC14N
ICA11	8-759-107-56	s	IC CXQ71011P
ICA12	8-759-921-50	s	IC SN74HC573BN
ICA13	8-752-800-48	s	IC CXQ70116P-8
ICB10	8-759-916-14	s	IC SN74HC04AN
ICB11	8-759-921-19	s	IC SN74HC161AN
ICB12	8-759-916-40	s	IC SN74HC125AN
ICC4	8-752-806-91	s	IC CXQ71054P
ICC5	8-759-737-31	s	IC 27C256-MC-C5-V1.1 (Up to Serial No. 12803)
ICC6	8-759-737-32	s	IC 27C256-MC-C6-V1.1 (Up to Serial No. 12803)
ICC8	8-759-737-33	s	IC 27C256-MC-C8-V1.1 (Up to Serial No. 12803)
ICC9	8-759-737-34	s	IC 27C256-MC-C9-V1.1 (Up to Serial No. 12803)
ICC5	8-759-047-65	s	IC 27C256-MC-C5-V2.0 (Serial No. 20001 to 20500)
	8-759-099-48	s	IC 27C256-MC-C5-V2.1 (Serial No. 20501 and higher)
ICC6	8-759-047-66	s	IC 27C256-MC-C6-V2.0 (Serial No. 20001 to 20500)
	8-756-099-49	s	IC 27C256-MC-C6-V2.1 (Serial No. 20501 and higher)
ICC8	8-759-047-67	s	IC 27C256-MC-C8-V2.0 (Serial No. 20001 to 20500)
	8-756-099-50	s	IC 27C256-MC-C8-V2.1 (Serial No. 20501 and higher)
ICC9	8-759-047-68	s	IC 27C256-MC-C9-V2.0 (Serial No. 20001 to 20500)
	8-756-099-51	s	IC 27C256-MC-C9-V2.0 (Serial No. 20501 and higher)
ICC10	8-759-916-16	s	IC SN74HC08AN
ICC12	8-759-107-53	s	IC CXQ71055P
ICC13	8-759-921-50	s	IC SN74HC573BN
ICC14	8-759-917-20	s	IC SN74HC645N
ICD3	8-759-916-16	s	IC SN74HC08AN
ICD4	8-759-916-18	s	IC SN74HC10AN
ICD5	8-759-916-19	s	IC SN74HC11AN
ICD6	8-759-917-43	s	IC SN74HC138AN
ICD7	8-759-916-46	s	IC SN74HC139AN
ICD8	8-759-900-03	s	IC SN74LS03N
ICD10	8-759-916-29	s	IC SN74HC74N
ICD13	8-759-921-50	s	IC SN74HC573BN
ICD14	8-759-917-20	s	IC SN74HC645N
ICE3	8-759-916-14	s	IC SN74HC04AN
ICE4	8-759-921-08	s	IC SN74HC02AN
ICE5	8-759-916-24	s	IC SN74HC30AN
ICE6	8-759-916-25	s	IC SN74HC32AN
ICE7	8-759-916-24	s	IC SN74HC30AN
ICE8	8-759-917-43	s	IC SN74HC138AN
ICE9	8-759-917-43	s	IC SN74HC138AN
ICE10	8-759-916-24	s	IC SN74HC30AN
ICE11	8-759-001-26	s	IC MC74HC112N
ICE12	8-759-916-25	s	IC SN74HC32AN
ICE13	8-759-901-25	s	IC SN74LS125AN
ICF3	8-759-202-97	s	IC TC74HC165P
ICF4	8-759-917-43	s	IC SN74HC138AN
ICF5	8-759-916-16	s	IC SN74HC08AN
ICF6	8-759-916-25	s	IC SN74HC32AN
ICF7	8-759-917-05	s	IC SN74HC541AN
ICF8	8-759-916-40	s	IC SN74HC125AN
ICF9	8-759-916-46	s	IC SN74HC139AN
ICF10	8-759-001-26	s	IC MC74HC112N
ICF11	8-759-921-08	s	IC SN74HC02AN
ICF12	8-759-916-12	s	IC SN74HC00AN
ICF13	8-759-916-25	s	IC SN74HC32AN
ICF14	8-759-916-14	s	IC SN74HC04AN
ICG1	8-759-004-84	s	IC MC74HC597N
ICG2	8-759-004-84	s	IC MC74HC597N
ICG3	8-759-917-06	s	IC SN74HC574AN
ICG4	8-759-917-01	s	IC SN74HC379N
ICG5	8-759-921-21	s	IC SN74HC163AN
ICG6	8-759-916-25	s	IC SN74HC32AN
ICG7	8-759-916-29	s	IC SN74HC74N
ICG8	8-759-916-14	s	IC SN74HC04AN
ICG9	8-759-107-62	s	IC CXQ71071P
ICG11	8-759-917-05	s	IC SN74HC541AN

Ref. No.	Parts No.	SP	Description
ICG12	8-759-917-05	s	IC SN74HC541AN
ICG13	8-759-916-23	s	IC SN74HC27N
ICG14	8-759-917-43	s	IC SN74HC138AN
ICH1	8-759-916-29	s	IC SN74HC74N
ICH2	8-759-916-29	s	IC SN74HC74N
ICH3	8-759-916-16	s	IC SN74HC08AN
ICH4	8-759-916-12	s	IC SN74HC00AN
ICH5	8-759-916-29	s	IC SN74HC74N
ICH6	8-759-916-29	s	IC SN74HC74N
ICH7	8-759-916-25	s	IC SN74HC32AN
ICH8	8-759-916-25	s	IC SN74HC32AN
ICH11	8-759-917-20	s	IC SN74HC645N
ICH12	8-759-921-50	s	IC SN74HC573BN
ICH13	8-752-322-10	s	IC CXK5814P-45L
ICH14	8-759-917-43	s	IC SN74HC138AN
ICJ1	8-759-917-06	s	IC SN74HC574AN
ICJ2	8-759-004-84	s	IC MC74HC597N
ICJ3	8-759-916-29	s	IC SN74HC74N
ICJ4	8-759-916-29	s	IC SN74HC74N
ICJ5	8-759-916-14	s	IC SN74HC04AN
ICJ6	8-759-921-21	s	IC SN74HC163AN
ICJ7	8-759-904-81	s	IC 74F08PC
ICJ8	8-759-917-20	s	IC SN74HC645N
ICJ9	8-759-916-16	s	IC SN74HC08AN
ICJ10	8-759-917-05	s	IC SN74HC541AN
ICJ11	8-759-917-20	s	IC SN74HC645N
ICJ12	8-759-916-29	s	IC SN74HC74N
ICJ13	8-759-917-20	s	IC SN74HC645N
ICJ14	8-759-917-06	s	IC SN74HC574AN
ICK2	8-759-916-14	s	IC SN74HC04AN
ICK3	8-759-916-29	s	IC SN74HC74N
ICK4	8-759-916-50	s	IC SN74HC157AN
ICK5	8-759-904-83	s	IC 74F32PC
ICK6	8-759-921-21	s	IC SN74HC163AN
ICK7	8-759-916-12	s	IC SN74HC00AN
ICK8	8-759-916-25	s	IC SN74HC32AN
ICK9	8-759-915-93	s	IC 74F163APC
ICK10	8-759-917-52	s	IC 74F138PC
ICK11	8-759-916-12	s	IC SN74HC00AN
ICK12	8-759-906-66	s	IC 74F86PC
ICK13	8-759-913-46	s	IC 74F299PC
ICK14	8-759-921-82	s	IC SN74HC4075AN
ICL1	8-759-107-53	s	IC CXQ71055P
ICL3	8-759-926-31	s	IC AM26LS31PC
ICL4	8-759-109-04	s	IC UPD7201AC
ICL5	8-759-916-29	s	IC SN74HC74N
ICL6	8-759-916-14	s	IC SN74HC04AN
ICL7	8-759-916-18	s	IC SN74HC10AN
ICL10	8-759-107-53	s	IC CXQ71055P
ICL11	8-759-917-58	s	IC 74F164PC
ICL12	8-759-917-58	s	IC 74F164PC
ICL13	8-759-917-58	s	IC 74F164PC
ICL14	8-759-917-60	s	IC 74F169PC

Ref. No.	Parts No.	SP	Description			
ICM3	8-759-917-05	s	IC SN74HC541AN			
ICM5	8-759-917-20	s	IC SN74HC645N			
ICM6	8-759-921-50	s	IC SN74HC573BN			
ICM7	8-759-007-09	s	IC MC74HC540N			
ICM8	8-759-926-31	s	IC AM26LS31PC			
ICM11	8-759-916-98	s	IC SN74HC377N			
ICM12	8-759-917-06	s	IC SN74HC574AN			
ICM13	8-759-917-06	s	IC SN74HC574AN			
ICM14	8-759-917-60	s	IC 74F169PC			
ICN1	8-759-917-05	s	IC SN74HC541AN			
ICN3	8-759-917-05	s	IC SN74HC541AN			
ICN4	8-759-926-32	s	IC AM26LS32PC			
ICN5	8-759-921-50	s	IC SN74HC573BN			
ICN6	8-759-902-92	s	IC SN74LS541 N			
ICN7	8-759-902-92	s	IC SN74LS541N			
ICN8	8-759-926-32	s	IC AM26LS32PC			
ICN9	8-759-926-31	s	IC AM26LS31PC			
ICN10	8-759-926-32	s	IC AM26LS32PC			
ICN11	8-759-926-31	s	IC AM26LS31PC			
ICN12	8-759-926-32	s	IC AM26LS32PC			
ICN13	8-759-926-31	s	IC AM26LS31PC			
ICN14	8-759-926-32	s	IC AM26LS32PC			
J10	1-564-947-11	s	PIN, CONNECTOR 2P			
JP9	1-564-948-11	o	PIN, CONNECTOR 3P			
JP11	1-564-947-11	s	PIN, CONNECTOR 2P			
PH1	8-719-945-60	s	PC827			
R1	1-249-413-11	s	RES, CARBON	470	5%	1/4W
R8	1-249-409-11	s	RES, CARBON	220	5%	1/4W
R9	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R10	1-249-483-11	s	RES, CARBON	5.6	5%	1/2W
R11	1-249-433-11	s	RES, CARBON	22K	5%	1/4W
R12	1-249-423-11	s	RES, CARBON	3.3K	5%	1/4W
R13	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R14	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R16	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R17	1-247-903-00	s	RES, CARBON	1M	5%	1/4W
R18 to R22	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R23	1-249-421-11	s	RES, CARBON	2.2K	5%	1/4W
R24	1-249-421-11	s	RES, CARBON	2.2K	5%	1/4W
R25	1-249-421-11	s	RES, CARBON	2.2K	5%	1/4W
R26	1-249-409-11	s	RES, CARBON	220	5%	1/4W
R27	1-249-409-11	s	RES, CARBON	220	5%	1/4W
R28 to R33	1-249-421-11	s	RES, CARBON	2.2K	5%	1/4W
R34	1-249-441-11	s	RES, CARBON	100K	5%	1/4W
R35	1-249-441-11	s	RES, CARBON	100K	5%	1/4W
R36	1-249-421-11	s	RES, CARBON	2.2K	5%	1/4W
R37	1-249-393-11	s	RES, CARBON	10	5%	1/4W
R38	1-249-393-11	s	RES, CARBON	10	5%	1/4W
R39	1-249-393-11	s	RES, CARBON	10	5%	1/4W
R40	1-249-409-11	s	RES, CARBON	220	5%	1/4W
R41	1-249-393-11	s	RES, CARBON	10	5%	1/4W

Ref. No.	Parts No.	SP	Description			
R42	1-249-393-11	s	RES, CARBON	10	5%	1/4W
R43	1-249-393-11	s	RES, CARBON	10	5%	1/4W
R44	1-249-409-11	s	RES, CARBON	220	5%	1/4W
R45	1-249-393-11	s	RES, CARBON	10	5%	1/4W
R46	1-249-393-11	s	RES, CARBON	10	5%	1/4W
R47	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R48	1-249-409-11	s	RES, CARBON	220	5%	1/4W
R49	1-249-421-11	s	RES, CARBON	2.2K	5%	1/4W
R50	1-249-421-11	s	RES, CARBON	2.2K	5%	1/4W
R51 to R54	1-249-401-11	s	RES, CARBON	47	5%	1/4W
R55	1-249-409-11	s	RES, CARBON	220	5%	1/4W
R56	1-249-401-11	s	RES, CARBON	47	5%	1/4W
R57	1-249-409-11	s	RES, CARBON	220	5%	1/4W
R58	1-249-401-11	s	RES, CARBON	47	5%	1/4W
R59	1-249-409-11	s	RES, CARBON	220	5%	1/4W
R60	1-249-401-11	s	RES, CARBON	47	5%	1/4W
R61	1-249-409-11	s	RES, CARBON	220	5%	1/4W
R62	1-249-401-11	s	RES, CARBON	47	5%	1/4W
R63	1-249-401-11	s	RES, CARBON	47	5%	1/4W
R64	1-249-409-11	s	RES, CARBON	220	5%	1/4W
R65	1-249-401-11	s	RES, CARBON	47	5%	1/4W
R66	1-249-409-11	s	RES, CARBON	220	5%	1/4W
R67	1-249-401-11	s	RES, CARBON	47	5%	1/4W
R68	1-249-409-11	s	RES, CARBON	220	5%	1/4W
R69	1-249-401-11	s	RES, CARBDN	47	5%	1/4W
R70	1-249-409-11	s	RES, CARBON	220	5%	1/4W
R71 to R77	1-249-401-11	s	RES, CARBON	47	5%	1/4W
R78	1-249-409-11	s	RES, CARBON	220	5%	1/4W
R79	1-249-401-11	s	RES, CARBON	47	5%	1/4W
R80	1-249-401-11	s	RES, CARBON	47	5%	1/4W
R81	1-249-401-11	s	RES, CARBON	47	5%	1/4W
R82	1-249-421-11	s	RES, CARBON	2.2K	5%	1/4W
R83	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R84	1-249-409-11	s	RES, CARBON	220	5%	1/4W
R85	1-249-401-11	s	RES, CARBON	47	5%	1/4W
R86	1-249-421-11	s	RES, CARBON	2.2K	5%	1/4W
R87	1-249-441-11	s	RES, CARBON	100K	5%	1/4W
R88	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R89	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R90	1-249-409-11	s	RES, CARBON	220	5%	1/4W
R91	1-249-401-11	s	RES, CARBON	47	5%	1/4W
R92	1-249-417-11	s	RES, CARBON	1K	5%	1/4W
R93	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R94	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R95	1-249-407-11	s	RES, CARBON	150	5%	1/4W
R96	1-249-407-11	s	RES, CARBON	150	5%	1/4W
R97	1-249-409-11	s	RES, CARBON	220	5%	1/4W
R98	1-249-409-11	s	RES, CARBON	220	5%	1/4W
R99	1-249-413-11	s	RES, CARBON	470	5%	1/4W
R100	1-249-399-11	s	RES, CARBON	33	5%	1/4W
R101	1-249-399-11	s	RES, CARBON	33	5%	1/4W
R102	1-249-403-11	s	RES, CARBON	68	5%	1/4W
R201	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W

Ref. No.	Parts No.	SP	Description			
RB1	1-235-334-11	s	RES BLOCK	3.3K×8		
RB2	1-231-533-00	s	RES BLOCK	10K×4		
RB3	1-231-521-00	s	BLOCK, RES	3.3K×4		
RB4	1-235-334-11	s	RES BLOCK	3.3K×8		
RB5 to RB8	1-231-533-00	s	RES BLOCK	10K×4		
RB9	1-235-195-00	s	RES BLOCK	10K×8		
RB10	1-235-195-00	s	RES BLOCK	10K×8		
RB11	1-235-195-00	s	RES BLOCK	10K×8		
RB12	1-231-533-00	s	RES BLOCK	10K×4		
RB13	1-231-533-00	s	RES BLOCK	10K×4		
RB14	1-235-195-00	s	RES BLOCK	10K×8		
RB15	1-235-195-00	s	RES BLOCK	10K×8		
RB16	1-231-533-00	s	RES BLOCK	10K×4		
RB17	1-231-533-00	s	RES BLOCK	10K×4		
RB18 to RB21	1-235-195-00	s	RES BLOCK	10K×8		
RB22	1-231-533-00	s	RES BLOCK	10K×4		
RB24	1-235-195-00	s	RES BLOCK	10K×8		
SW1	1-554-150-21	s	SWITCH, DIP			
SW2	1-554-150-21	s	SWITCH, DIP			
SW3	1-552-539-00	s	SWITCH, KEY BOARD			
X1	1-577-076-11	s	VIBRATOR, CRYSTAL			
X2	1-567-862-11	s	VIBRATOR, CRYSTAL			

PE-18 BOARD

Ref. No.	Parts No.	SP	Description
-	1-620-916-11	o	PC BOARD, PE-18
D1	8-719-995-32	s	DIODE GL-9PG2

PMT-1 BOARD

Ref. No.	Parts No.	SP	Description			
-	1-627-102-11	o	PC BOARD, PMT-1			
C1	1-126-101-11	s	CAP, ELECT	100	20%	16V
CN205	1-506-477-11	o	PIN, CONNECTOR 12P			
CN273	1-560-312-00	o	POST HEADER 6P			
D1	9-919-584-18	s	GP1A07 WITH COVER			
D2	9-919-584-18	s	GP1A07 WITH COVER			
D3	9-919-584-18	s	GP1A07 WITH COVER			
R1	1-249-408-11	s	RES, CARBON	180	5%	1/4W
R2	1-249-410-11	s	RES, CARBON	270	5%	1/4W
R3	1-249-408-11	s	RES, CARBON	180	5%	1/4W
R4	1-249-410-11	s	RES, CARBON	270	5%	1/4W
R5	1-249-408-11	s	RES, CARBON	180	5%	1/4W
R6	1-249-410-11	s	RES, CARBON	270	5%	1/4W

Ref. No.	Parts No.	SP	Description			
PRE-1 BOARD						
-	A-7850-632-A	o	COMPLETE PCB, PRE-1			
(This assembly includes the following parts.)						
-	3-682-057-11	s	SCREW (SMALL)			
C11	1-124-477-11	s	CAP, ELECT	47	20%	25V
C12	1-124-477-11	s	CAP, ELECT	47	20%	25V
C13	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C14	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C15	1-124-477-11	s	CAP, ELECT	47	20%	25V
C16	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C17	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C21	1-124-477-11	s	CAP, ELECT	47	20%	25V
C22	1-124-477-11	s	CAP, ELECT	47	20%	25V
C23	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C24	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C25	1-124-477-11	s	CAP, ELECT	47	20%	25V
C26	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C27	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C31	1-124-477-11	s	CAP, ELECT	47	20%	25V
C32	1-124-477-11	s	CAP, ELECT	47	20%	25V
C33	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C34	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C35	1-124-477-11	s	CAP, ELECT	47	20%	25V
C36	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C37	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C41	1-124-477-11	s	CAP, ELECT	47	20%	25V
C42	1-124-477-11	s	CAP, ELECT	47	20%	25V
C43	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C44	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C45	1-124-477-11	s	CAP, ELECT	47	20%	25V
C46	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C47	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C51	1-124-477-11	s	CAP, ELECT	47	20%	25V
C52	1-124-477-11	s	CAP, ELECT	47	20%	25V
C53	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C54	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C55	1-124-477-11	s	CAP, ELECT	47	20%	25V
C56	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C57	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C61	1-124-477-11	s	CAP, ELECT	47	20%	25V
C62	1-124-477-11	s	CAP, ELECT	47	20%	25V
C63	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C64	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C65	1-124-477-11	s	CAP, ELECT	47	20%	25V
C66	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C67	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C71	1-124-477-11	s	CAP, ELECT	47	20%	25V
C72	1-124-477-11	s	CAP, ELECT	47	20%	25V
C73	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C74	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C75	1-124-477-11	s	CAP, ELECT	47	20%	25V
C76	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C77	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C81	1-124-477-11	s	CAP, ELECT	47	20%	25V
C82	1-124-477-11	s	CAP, ELECT	47	20%	25V
C83	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C84	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C85	1-124-477-11	s	CAP, ELECT	47	20%	25V
C86	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C87	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C91	1-124-477-11	s	CAP, ELECT	47	20%	25V
C92	1-124-477-11	s	CAP, ELECT	47	20%	25V
C93	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C94	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C95	1-124-477-11	s	CAP, ELECT	47	20%	25V
C96	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C97	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C101	1-124-477-11	s	CAP, ELECT	47	20%	25V
C102	1-124-477-11	s	CAP, ELECT	47	20%	25V
C103	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C104	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C105	1-124-477-11	s	CAP, ELECT	47	20%	25V
C106	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C107	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C111	1-124-477-11	s	CAP, ELECT	47	20%	25V
C112	1-124-477-11	s	CAP, ELECT	47	20%	25V
C113	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C114	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C115	1-124-477-11	s	CAP, ELECT	47	20%	25V
C116	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C117	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C121	1-124-477-11	s	CAP, ELECT	47	20%	25V
C122	1-124-477-11	s	CAP, ELECT	47	20%	25V
C123	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C124	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C125	1-124-477-11	s	CAP, ELECT	47	20%	25V
C126	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C127	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C131	1-124-477-11	s	CAP, ELECT	47	20%	25V
C132	1-124-477-11	s	CAP, ELECT	47	20%	25V
C133	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C134	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C135	1-124-477-11	s	CAP, ELECT	47	20%	25V
C136	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C137	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C141	1-124-477-11	s	CAP, ELECT	47	20%	25V
C142	1-124-477-11	s	CAP, ELECT	47	20%	25V
C143	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C144	1-101-004-00	s	CAP, CERAMIC	0.01		50V

Ref. No.	Parts No.	SP	Description			
C145	1-124-477-11	s	CAP, ELECT	47	20%	25V
C146	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C147	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C151	1-124-477-11	s	CAP, ELECT	47	20%	25V
C152	1-124-477-11	s	CAP, ELECT	47	20%	25V
C153	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C154	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C155	1-124-477-11	s	CAP, ELECT	47	20%	25V
C156	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C157	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C161	1-124-477-11	s	CAP, ELECT	47	20%	25V
C162	1-124-477-11	s	CAP, ELECT	47	20%	25V
C163	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C164	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C165	1-124-477-11	s	CAP, ELECT	47	20%	25V
C166	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C167	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C171	1-124-477-11	s	CAP, ELECT	47	20%	25V
C172	1-124-477-11	s	CAP, ELECT	47	20%	25V
C173	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C174	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C175	1-124-477-11	s	CAP, ELECT	47	20%	25V
C176	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C177	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C181	1-124-477-11	s	CAP, ELECT	47	20%	25V
C182	1-124-477-11	s	CAP, ELECT	47	20%	25V
C183	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C184	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C185	1-124-477-11	s	CAP, ELECT	47	20%	25V
C186	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C187	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C191	1-124-477-11	s	CAP, ELECT	47	20%	25V
C192	1-124-477-11	s	CAP, ELECT	47	20%	25V
C193	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C194	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C195	1-124-477-11	s	CAP, ELECT	47	20%	25V
C196	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C197	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C201	1-124-477-11	s	CAP, ELECT	47	20%	25V
C202	1-124-477-11	s	CAP, ELECT	47	20%	25V
C203	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C204	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C205	1-124-477-11	s	CAP, ELECT	47	20%	25V
C206	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C207	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C211	1-124-477-11	s	CAP, ELECT	47	20%	25V
C212	1-124-477-11	s	CAP, ELECT	47	20%	25V
C213	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C214	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C215	1-124-477-11	s	CAP, ELECT	47	20%	25V
C216	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C217	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C221	1-124-477-11	s	CAP, ELECT	47	20%	25V
C222	1-124-477-11	s	CAP, ELECT	47	20%	25V
C223	1-101-004-00	s	CAP, CERAMIC	0.01		50V

Ref. No.	Parts No.	SP	Description			
C224	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C225	1-124-477-11	s	CAP, ELECT	47	20%	25V
C226	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C227	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C231	1-124-477-11	s	CAP, ELECT	47	20%	25V
C232	1-124-477-11	s	CAP, ELECT	47	20%	25V
C233	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C234	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C235	1-124-477-11	s	CAP, ELECT	47	20%	25V
C236	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C237	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C241	1-124-477-11	s	CAP, ELECT	47	20%	25V
C242	1-124-477-11	s	CAP, ELECT	47	20%	25V
C243	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C244	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C245	1-124-477-11	s	CAP, ELECT	47	20%	25V
C246	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C247	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C251	1-124-477-11	s	CAP, ELECT	47	20%	25V
C252	1-124-477-11	s	CAP, ELECT	47	20%	25V
C253	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C254	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C255	1-124-477-11	s	CAP, ELECT	47	20%	25V
C256	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C257	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C261	1-124-477-11	s	CAP, ELECT	47	20%	25V
C262	1-124-477-11	s	CAP, ELECT	47	20%	25V
C263	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C264	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C265	1-124-477-11	s	CAP, ELECT	47	20%	25V
C266	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C267	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C271	1-124-477-11	s	CAP, ELECT	47	20%	25V
C272	1-124-477-11	s	CAP, ELECT	47	20%	25V
C273	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C274	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C275	1-124-477-11	s	CAP, ELECT	47	20%	25V
C276	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C277	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C281	1-124-477-11	s	CAP, ELECT	47	20%	25V
C282	1-124-477-11	s	CAP, ELECT	47	20%	25V
C283	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C284	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C285	1-124-477-11	s	CAP, ELECT	47	20%	25V
C286	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C287	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C291	1-124-477-11	s	CAP, ELECT	47	20%	25V
C292	1-124-477-11	s	CAP, ELECT	47	20%	25V
C293	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C294	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C295	1-124-477-11	s	CAP, ELECT	47	20%	25V
C296	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C297	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C301	1-124-477-11	s	CAP, ELECT	47	20%	25V
C302	1-124-477-11	s	CAP, ELECT	47	20%	25V

Ref. No.	Parts No.	SP	Description			
C303	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C304	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C305	1-124-477-11	s	CAP, ELECT	47	20%	25V
C306	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C307	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C311	1-124-477-11	s	CAP, ELECT	47	20%	25V
C312	1-124-477-11	s	CAP, ELECT	47	20%	25V
C313	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C314	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C315	1-124-477-11	s	CAP, ELECT	47	20%	25V
C316	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C317	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C321	1-124-477-11	s	CAP, ELECT	47	20%	25V
C322	1-124-477-11	s	CAP, ELECT	47	20%	25V
C323	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C324	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C325	1-124-477-11	s	CAP, ELECT	47	20%	25V
C326	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C327	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C331	1-124-477-11	s	CAP, ELECT	47	20%	25V
C332	1-124-477-11	s	CAP, ELECT	47	20%	25V
C333	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C334	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C335	1-124-477-11	s	CAP, ELECT	47	20%	25V
C336	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C337	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C341	1-124-477-11	s	CAP, ELECT	47	20%	25V
C342	1-124-477-11	s	CAP, ELECT	47	20%	25V
C343	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C344	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C345	1-124-477-11	s	CAP, ELECT	47	20%	25V
C346	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C347	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C351	1-124-477-11	s	CAP, ELECT	47	20%	25V
C352	1-124-477-11	s	CAP, ELECT	47	20%	25V
C353	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C354	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C355	1-124-477-11	s	CAP, ELECT	47	20%	25V
C356	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C357	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C361	1-124-477-11	s	CAP, ELECT	47	20%	25V
C362	1-124-477-11	s	CAP, ELECT	47	20%	25V
C363	1-101-004-00	s	CAP, CEAAMIC	0.01		50V
C364	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C365	1-124-477-11	s	CAP, ELECT	47	20%	25V
C366	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C367	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C371	1-124-477-11	s	CAP, ELECT	47	20%	25V
C372	1-124-477-11	s	CAP, ELECT	47	20%	25V
C373	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C374	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C375	1-124-477-11	s	CAP, ELECT	47	20%	25V
C376	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C377	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C381	1-124-477-11	s	CAP, ELECT	47	20%	25V
C382	1-124-477-11	s	CAP, ELECT	47	20%	25V
C383	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C384	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C385	1-124-477-11	s	CAP, ELECT	47	20%	25V
C386	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C387	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C391	1-124-477-11	s	CAP, ELECT	47	20%	25V
C392	1-124-477-11	s	CAP, ELECT	47	20%	25V
C393	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C394	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C395	1-124-477-11	s	CAP, ELECT	47	20%	25V
C396	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C397	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C401	1-124-477-11	s	CAP, ELECT	47	20%	25V
C402	1-124-477-11	s	CAP, ELECT	47	20%	25V
C403	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C404	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C405	1-124-477-11	s	CAP, ELECT	47	20%	25V
C406	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C407	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C411	1-124-477-11	s	CAP, ELECT	47	20%	25V
C412	1-124-477-11	s	CAP, ELECT	47	20%	25V
C413	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C414	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C415	1-124-477-11	s	CAP, ELECT	47	20%	25V
C416	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C417	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C421	1-124-477-11	s	CAP, ELECT	47	20%	25V
C422	1-124-477-11	s	CAP, ELECT	47	20%	25V
C423	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C424	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C425	1-124-477-11	s	CAP, ELECT	47	20%	25V
C426	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C427	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C431	1-124-477-11	s	CAP, ELECT	47	20%	25V
C432	1-124-477-11	s	CAP, ELECT	47	20%	25V
C433	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C434	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C435	1-124-477-11	s	CAP, ELECT	47	20%	25V
C436	1-162-179-11	s	CAP, CERAMIC	0.I		50V
C437	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C441	1-124-477-11	s	CAP, ELECT	47	20%	25V
C442	1-124-477-11	s	CAP, ELECT	47	20%	25V
C443	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C444	1 101-004-00	s	CAP, CERAMIC	0.01		50V

Ref. No.	Parts No.	SP	Description			
C445	1-124-477-11	s	CAP, ELECT	47	20%	25V
C446	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C447	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C451	1-124-477-11	s	CAP, ELECT	47	20%	25V
C452	1-124-477-11	s	CAP, ELECT	47	20%	25V
C453	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C454	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C455	1-124-477-11	s	CAP, ELECT	47	20%	25V
C456	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C457	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C461	1-124-477-11	s	CAP, ELECT	47	20%	25V
C462	1-124-477-11	s	CAP, ELECT	47	20%	25V
C463	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C464	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C465	1-124-477-11	s	CAP, ELECT	47	20%	25V
C466	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C467	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C471	1-124-477-11	s	CAP, ELECT	47	20%	25V
C472	1-124-477-11	s	CAP, ELECT	47	20%	25V
C473	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C474	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C475	1-124-477-11	s	CAP, ELECT	47	20%	25V
C477	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C481	1-124-477-11	s	CAP, ELECT	47	20%	25V
C482	1-124-477-11	s	CAP, ELECT	47	20%	25V
C483	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C484	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C485	1-124-477-11	s	CAP, ELECT	47	20%	25V
C486	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C487	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C491	1-124-477-11	s	CAP, ELECT	47	20%	25V
C492	1-124-477-11	s	CAP, ELECT	47	20%	25V
C493	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C494	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C495	1-124-477-11	s	CAP, ELECT	47	20%	25V
C496	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C497	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C501	1-124-477-11	s	CAP, ELECT	47	20%	25V
C502	1-124-477-11	s	CAP, ELECT	47	20%	25V
C503	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C504	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C505	1-124-477-11	s	CAP, ELECT	47	20%	25V
C506	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C507	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C511	1-124-477-11	s	CAP, ELECT	47	20%	25V
C512	1-124-477-11	s	CAP, ELECT	47	20%	25V
C513	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C514	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C516	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C517	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C521	1-124-477-11	s	CAP, ELECT	47	20%	25V
C522	1-124-477-11	s	CAP, ELECT	47	20%	25V
C523	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C524	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C526	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C527	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C531	1-126-103-11	s	CAP, ELECT	470	20%	16V
C532	1-126-103-11	s	CAP, ELECT	470	20%	16V
C533	1-130-481-00	s	CAP, MYLAR	0.0068	5%	50V
C534	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C535	1-136-177-00	s	CAP, FILM	1	5%	50V
C536	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C537	1-124-477-11	s	CAP, ELECT	47	20%	25V
C538	1-124-477-11	s	CAP, ELECT	47	20%	25V
C539	1-136-165-00	s	CAP, FILM	0.1	5%	50V
C540	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C541	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C542	1-130-481-00	s	CAP, MYLAR	0.0068	5%	50V
C543	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C544	1-136-177-00	s	CAP, FILM	1	5%	50V
C545	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C546	1-124-477-11	s	CAP, ELECT	47	20%	25V
C547	1-124-477-11	s	CAP, ELECT	47	20%	25V
C548	1-136-165-00	s	CAP, FILM	0.1	5%	50V
C549	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C550	1-162-179-11	s	CAP, CERAMIC	0.1		50V
CN111	1-565-689-11	o	HEADER, FLAT CABLE 60P			
CN112	1-565-689-11	o	HEADER, FLAT CABLE 60P			
CN113	1-565-688-11	o	HEADER, STRAIGHT 60P			
CN114	1-565-688-11	o	HEADER, STRAIGHT 60P			
CN115	1-564-104-00	o	PIN, CONNECTOR 3P			
D1	8-719-911-19	s	DIODE 1SS119			
D2	8-719-911-19	s	DIODE 1SS119			
D511	8-719-910-68	s	DIODE HZ6C2L			
D512	8-719-910-68	s	DIODE HZ6C2L			
D521	8-719-910-68	s	DIODE HZ6C2L			
D522	8-719-910-68	s	DIODE HZ6C2L			
IC1 to IC50	8-741-147-30	s	IC BX-1473			
IC51	8-759-977-90	s	IC TL592BP			
IC52	8-759-977-90	s	IC TL592BP			
IC53	8-719-902-56	s	DIODE PC817			
IC54	8-759-602-83	s	IC M5238P			
IC55	8-759-602-83	s	IC M5238P			
IC56	8-759-602-83	s	IC M5238P			
IC57	8-759-602-83	s	IC M5238P			
IC61	8-759-109-82	s	IC UPC814C			
IC62	8-759-109-82	s	IC UPC814C			
Q1	8-729-900-38	s	TRANSISTOR DTA114EF			
Q2	8-729-900-38	s	TRANSISTOR DTA114EF			

Ref. No.	Parts No.	SP	Description			
R512	1-215-452-00	s	RES, METAL	20K	1%	1/4W
R513	1-215-452-00	s	RES, METAL	20K	1%	1/4W
R514	1-215-455-00	s	RES, METAL	27K	1%	1/4W
R515	1-215-455-00	s	RES, METAL	27K	1%	1/4W
R516	1-249-407-11	s	RES, CARBON	150	5%	1/4W
R517	1-249-407-11	s	RES, CARBON	150	5%	1/4W
R521	1-249-409-11	s	RES, CARBON	220	5%	1/4W
R522	1-215-452-00	s	RES, METAL	20K	1%	1/4W
R523	1-215-452-00	s	RES, METAL	20K	1%	1/4W
R524	1-215-455-00	s	RES, METAL	27K	1%	1/4W
R525	1-215-455-00	s	RES, METAL	27K	1%	1/4W
R526	1-249-407-11	s	RES, CARBON	150	5%	1/4W
R527	1-249-407-11	s	RES, CARBON	150	5%	1/4W
R531	1-215-421-00	s	RES, METAL	1K	1%	1/4W
R532	1-215-455-00	s	RES, METAL	27K	1%	1/4W
R533	1-215-473-00	s	RES, METAL	150K	1%	1/4W
R534	1-215-493-00	s	RES, METAL	1M	1%	1/4W
R535	1-215-397-00	s	RES, METAL	100	1%	1/4W
R536	1-215-485-00	s	RES, METAL	470K	1%	1/4W
R537	1-215-391-00	s	RES, METAL	56	1%	1/4W
R538	1-215-441-00	s	RES, METAL	6.8K	1%	1/4W
R539	1-215-452-00	s	RES, METAL	20K	1%	1/4W
R540	1-215-421-00	s	RES, METAL	1K	1%	1/4W
R541	1-215-391-00	s	RES, METAL	56	1%	1/4W
R542	1-215-421-00	s	RES, METAL	1K	1%	1/4W
R543	1-215-441-00	s	RES, METAL	6.8K	1%	1/4W
R544	1-215-421-00	s	RES, METAL	1K	1%	1/4W
R545	1-215-455-00	s	RES, METAL	27K	1%	1/4W
R546	1-215-473-00	s	RES, METAL	150K	1%	1/4W
R547	1-215-493-00	s	RES, METAL	1M	1%	1/4W
R548	1-215-397-00	s	RES, METAL	100	1%	1/4W
R549	1-215-485-00	s	RES, METAL	470K	1%	1/4W
R550	1-215-391-00	s	RES, METAL	56	1%	1/4W
R551	1-215-441-00	s	RES, METAL	6.8K	1%	1/4W
R552	1-215-452-00	s	RES, METAL	20K	1%	1/4W
R553	1-215-421-00	s	RES, METAL	1K	1%	1/4W
R554	1-215-391-00	s	RES, METAL	56	1%	1/4W
R555	1-215-421-00	s	RES, METAL	1K	1%	1/4W
R556	1-215-441-00	s	RES, METAL	6.8K	1%	1/4W
RY1	1-515-519-00	s	RELAY			
RY2	1-515-519-00	s	RELAY			
T1 to T50	1-426-102-00	s	TRANSFORMER, RF (STEP UP)			
TA51	1-423-263-11	s	TRANSFORMER, INPUT (A)			
TA52	1-423-263-11	s	TRANSFORMER, INPUT (A)			
TB51	1-423-264-11	s	TRANSFORMER, INPUT (B)			
TB52	1-423-264-11	s	TRANSFORMER, INPUT (B)			

PTN-1 BOARD

Ref. No.	Parts No.	SP	Description			
-	A-7850-727-A	o	COMPLETE PCB, PTN-1			

(This assembly includes the following parts.)

Ref. No.	Parts No.	SP	Description			
C1 to C4	1-136-177-00	s	CAP, FILM	1	5%	50V
C5	1-124-120-11	s	CAP, ELECT	220	20%	25V
C6	1-124-120-11	s	CAP, ELECT	220	20%	25V
C7	1-124-120-11	s	CAP, ELECT	220	20%	25V
C8 to C13	1-136-153-00	s	CAP, FILM	0.01	5%	50V
C14	1-124-120-11	s	CAP, ELECT	220	20%	25V
C15	1-124-120-11	s	CAP, ELECT	220	20%	25V
C16	1-124-120-11	s	CAP, ELECT	220	20%	25V
C17	1-124-120-11	s	CAP, ELECT	220	20%	25V
C18 to C25	1-101-004-00	s	CAP, CERAMIC	0.01		50V
CN261	1-565-695-11	o	HEADER, PIN (WITH LEVER) 20P			
CN274	1-506-469-11	o	PIN, CONNECTOR 4P			
CN275	1-506-469-11	o	PIN, CONNECTOR 4P			
CN276	1-506-469-11	o	PIN, CONNECTOR 4P			
CN277	1-506-467-11	o	PIN, CONNECTOR 2P			
CN278	1-506-469-11	o	PIN, CONNECTOR 4P			
CN283	1-506-467-11	o	PIN, CONNECTOR 2P			
D1 to D16	8-719-911-19	s	DIODE 1SS119			
IC1	8-759-916-20	s	IC SN74HC14AN			
IC2	8-759-990-84	s	IC TL084CN			
IC3	8-759-904-76	s	IC AM26LS31CN			
IC4	8-759-503-91	s	IC TL082ACP			
IC5	8-759-503-91	s	IC TL082ACP			
IC6	8-759-982-21	s	IC RC78L05A			
IC7	8-759-982-44	s	IC RC79L05A			
JR1	1-566-388-11	s	PIN, CONNECTOR 8P			
R1	1-249-409-11	s	RES, CARBON	220	5%	1/4W
R2	1-249-437-11	s	RES, CARBON	47K	5%	1/4W
R3	1-249-417-11	s	RES, CARBON	1K	5%	1/4W
R4	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R5	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R6	1-247-887-00	s	RES, CARBON	220K	5%	1/4W
R7	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
R8	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
R9	1-247-903-00	s	RES, CARBON	1M	5%	1/4W
R10	1-249-426-11	s	RES, CARBON	5.6K	5%	1/4W
R11 to R13	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R14	1-247-887-00	s	RES, CARBON	220K	5%	1/4W
R15	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
R16	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
R17	1-247-903-00	s	RES, CARBON	1M	5%	1/4W

Ref. No.	Parts No.	SP	Description			
R18	1-249-426-11	s	RES, CARBON	5.6K	5%	1/4W
R19	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R22	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
R23	1-247-903-00	s	RES, CARBON	1M	5%	1/4W
R24	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R25	1-249-436-11	s	RES, CARBON	39K	5%	1/4W
R26	1-249-424-11	s	RES, CARBON	3.9K	5%	1/4W
R27	1-249-434-11	s	RES, CARBON	27K	5%	1/4W
R28	1-249-409-11	s	RES, CARBON	220	5%	1/4W
R29	1-249-401-11	s	RES, CARBON	47	5%	1/4W
R30	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
R31	1-247-903-00	s	RES, CARBON	1M	5%	1/4W
R32	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R33	1-249-436-11	s	RES, CARBON	39K	5%	1/4W
R34	1-249-424-11	s	RES, CARBON	3.9K	5%	1/4W
R35	1-249-434-11	s	RES, CARBON	27K	5%	1/4W
R36	1-249-409-11	s	RES, CARBON	220	5%	1/4W
R37	1-249-401-11	s	RES, CARBON	47	5%	1/4W

PWT-1 BOARD

Ref. No.	Parts No.	SP	Description			
-	A-7850-636-B	o	COMPLETE PCB, PWT-1			

(This assembly includes the following parts.)

Ref. No.	Parts No.	SP	Description			
-	2-832-003-00	s	BUSH, INSULATING			
-	4-885-901-21	s	SHEET, RADIATION			
-	4-879-937-00	s	SHEET, MICA			
-	4-879-945-00	s	SHEET (B), MICA			
-	4-927-194-01	s	HEAT SINK, PWT			
-	7-682-547-04	s	SCREW +B 3×6			
-	7-682-649-09	s	SCREW +PS 3×10			
-	7-682-947-01	s	SCREW +PSW 3×6			
-	7-682-950-01	s	SCREW +PSW 3×12			
C1	1-123-624-00	s	CAP, ELECT	470	20%	120V
C2	1-123-624-00	s	CAP, ELECT	470	20%	120V
C3	1-124-927-11	s	CAP, ELECT	4.7	20%	100V
CN250	1-506-480-11	o	PIN, CONNECTOR 15P			
CN265	1-564-241-00	o	PIN, CONNECTOR 4P			
CN279	1-564-104-11	o	PIN, CONNECTOR 3P			
D1	8-719-300-25	s	DIODE CTU-22R			
D2	8-719-300-27	s	DIODE CTU-22S			
D3	8-719-300-25	s	DIODE CTU-22R			
D4	8-719-300-27	s	DIODE CTU-22S			
Q1	8-729-383-73	s	TRANSISTOR 2SC2837			
Q2	8-729-303-78	s	TRANSISTOR 2SC3858-Y			
Q3	8-729-383-73	s	TRANSISTOR 2SC2837			
Q4	8-729-303-78	s	TRANSISTOR 2SC3858-Y			
R1	1-247-752-11	s	RES, CARBON	1K	5%	1/2W
R2	1-217-157-00	s	RES, METAL PLATE	0.33		
R3	1-217-157-00	s	RES, METAL PLATE	0.33		

REC-5 BOARD

Ref. No.	Parts No.	SP	Description			
-	A-7850-634-A	o	COMPLETE PCB, REC-5			

(This assembly includes the following parts.)

Ref. No.	Parts No.	SP	Description			
-	4-927-081-01	o	HEAT SINK			
-	9-911-845-99	s	CUSHION (A)			
C1	1-124-234-00	s	CAP, ELECT	22	20%	16V
C2	1-102-074-00	s	CAP, CERAMIC	0.001	10%	50V
C3	1-136-159-00	s	CAP, FILM	0.03	5%	50V
C11	1-124-478-11	s	CAP, ELECT	100	20%	25V
C12	1-124-478-11	s	CAP, ELECT	100	20%	25V
C21	1-124-478-11	s	CAP, ELECT	100	20%	25V
C22	1-124-478-11	s	CAP, ELECT	100	20%	25V
C104 to C153	1-124-477-11	s	CAP, ELECT	47	20%	25V
C201 to C227	1-124-477-11	s	CAP, ELECT	47	20%	25V
C230 to C256	1-124-477-11	s	CAP, ELECT	47	20%	25V
C300 to C318	1-124-008-11	s	CAP, ELECT	33	20%	25V
C400 to C408	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C410 to C418	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C431 to C451	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C471	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C472	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C501	1-102-119-00	s	CAP, CERAMIC	0.0015	10%	50V
C502	1-102-119-00	s	CAP, CERAMIC	0.0015	10%	50V
C503	1-102-119-00	s	CAP, CERAMIC	0.0015	10%	50V
C545	1-102-119-00	s	CAP, CERAMIC	0.0015	10%	50V
C555	1-102-119-00	s	CAP, CERAMIC	0.0015	10%	50V
C556	1-102-119-00	s	CAP, CERAMIC	0.0015	10%	50V
C601	1-102-119-00	s	CAP, CERAMIC	0.0015	10%	50V
C602	1-102-119-00	s	CAP, CERAMIC	0.0015	10%	50V
C603	1-102-119-00	s	CAP, CERAMIC	0.0015	10%	50V
C654	1-102-119-00	s	CAP, CERAMIC	0.0015	10%	50V
C655	1-102-119-00	s	CAP, CERAMIC	0.0015	10%	50V
C656	1-102-119-00	s	CAP, CERAMIC	0.0015	10%	50V
CN101	1-564-243-00	o	PIN, CONNECTOR 6P			
CN103	1-565-688-11	o	HEADER, STRAIGHT 60P			
CN104	1-565-688-11	o	HEADER, STRAIGHT 60P			
CN105	1-565-689-11	o	HEADER, FLAT CABLE 60P			
CN106	1-565-689-11	o	HEADER, FLAT CABLE 60P			
CN107	1-565-689-11	o	HEADER, FLAT CABLE 60P			
CN108	1-565-689-11	o	HEADER, FLAT CABLE 60P			

Ref. No.	Parts No.	SP	Description
CP104	1-233-162-11	s	COMPOSITION CIRCUIT BLOCK
to CP153			
CP204	1-233-162-11	s	COMPOSITION CIRCUIT BLOCK
to CP253			
CP304	1-233-162-11	s	COMPOSITION CIRCUIT BLOCK
to CP353			
CP404	1-233-162-11	s	COMPOSITION CIRCUIT BLOCK
to CP453			
D1	8-719-911-19	s	DIODE 1SS119
D101	8-719-911-19	s	DIODE 1SS119
to D156			
ICB1	1-808-620-11	s	IC DASH-011
to ICB27			
ICB30	1-808-620-11	s	IC DASH-011
to ICB56			
ICC1	8-759-517-48	s	IC LM79MGCP
ICC2	8-759-517-48	s	IC LM79MGCP
ICC3	8-759-517-48	s	IC LM79MGCP
ICC4	1-808-620-11	s	IC DASH-011
to ICC53			
ICC54	8-759-517-48	s	IC LM79MGCP
ICC55	8-759-517-48	s	IC LM79MGCP
ICC56	8-759-517-48	s	IC LM79MGCP
ICD4	8-759-517-48	s	IC LM79MGCP
to ICD53			
ICE44	8-719-945-60	s	PC827
ICF10	8-759-917-06	s	IC SN74HC574AN
ICF12	8-759-917-06	s	IC SN74HC574AN
ICF14	8-759-917-06	s	IC SN74HC574AN
ICF16	8-759-917-06	s	IC SN74HC574AN
ICF18	8-759-917-06	s	IC SN74HC574AN
ICF20	8-759-917-06	s	IC SN74HC574AN
ICF22	8-759-916-18	s	IC SN74HC10AN
ICF27	8-759-142-11	s	IC DASH012
ICF30	8-759-916-18	s	IC SN74HC10AN
ICF35	8-759-142-11	s	IC DASH012
ICF39	8-759-001-63	s	IC MC74HC595N
ICF41	8-759-001-63	s	IC MC74HC595N
ICF43	8-759-001-63	s	IC MC74HC595N
ICF45	8-759-921-19	s	IC SN74HC161AN
ICG10	8-759-917-06	s	IC SN74HC574AN
ICG12	8-759-917-06	s	IC SN74HC574AN
ICG14	8-759-917-06	s	IC SN74HC574AN
ICG16	8-759-917-06	s	IC SN74HC574AN
ICG18	8-759-917-06	s	IC SN74HC574AN
ICG20	8-759-917-06	s	IC SN74HC574AN
ICG22	8-759-917-05	s	IC SN74HC541AN
ICG24	8-759-916-50	s	IC SN74HC157AN
ICG26	8-759-916-29	s	IC SN74HC74AN
ICG28	8-759-916-29	s	IC SN74HC74AN

Ref. No.	Parts No.	SP	Description			
ICG30	8-759-921-10	s	IC SN74HC86AN			
ICG32	8-759-916-29	s	IC SN74HC74AN			
ICG35	8-759-904-72	s	IC AM26LS32ACN			
ICG37	8-759-942-37	s	IC SN75179BP			
ICG39	8-759-904-77	s	IC AM26LS32ACN			
ICG41	8-759-904-77	s	IC AM26LS32ACN			
ICG43	8-759-239-47	s	IC TC74HC123AP			
ICG45	8-759-921-08	s	IC SN74HC02AN			
L1	1-409-309-00	s	COIL, SN 72UH			
to L4						
Q1	8-729-173-13	s	TRANSISTOR 2SB731			
Q2	8-729-900-61	s	TRANSISTOR DTA114ES			
R1	1-249-407-11	s	RES, CARBON	150	5%	1/4W
R2	1-249-407-11	s	RES, CARBON	150	5%	1/4W
R3	1-249-407-11	s	RES, CARBON	150	5%	1/4W
R4	1-249-407-11	s	RES, CARBON	150	5%	1/4W
R6	1-249-413-11	s	RES, CARBON	470	5%	1/4W
R7	1-249-407-11	s	RES, CARBON	150	5%	1/4W
R8	1-249-407-11	s	RES, CARBON	150	5%	1/4W
R9	1-249-407-11	s	RES, CARBON	150	5%	1/4W
R10	1-249-403-11	s	RES, CARBON	58	5%	1/4W
R11	1-249-403-11	s	RES, CARBON	68	5%	1/4W
R12	1-249-403-11	s	RES, CARBON	68	5%	1/4W
R13	1-249-403-11	s	RES, CARBON	68	5%	1/4W
R15	1-249-405-11	s	RES, CARBON	100	5%	1/4W
R16	1-249-421-11	s	RES, CARBON	2.2K	5%	1/4W
R17	1-249-421-11	s	RES, CARBON	2.2K	5%	1/4W
R19	1-249-421-11	s	RES, CARBON	2.2K	5%	1/4W
R25	1-249-405-11	s	RES, CARBON	100	5%	1/4W
R26	1-249-421-11	s	RES, CARBON	2.2K	5%	1/4W
R27	1-249-421-11	s	RES, CARBON	2.2K	5%	1/4W
R29	1-249-421-11	s	RES, CARBON	2.2K	5%	1/4W
R36	1-249-433-11	s	RES, CARBON	22K	5%	1/4W
R37	1-249-433-11	s	RES, CARBON	22K	5%	1/4W
R39	1-249-433-11	s	RES, CARBON	22K	5%	1/4W
R46	1-249-433-11	s	RES, CARBON	22K	5%	1/4W
R47	1-249-433-11	s	RES, CARBON	22K	5%	1/4W
R49	1-249-433-11	s	RES, CARBON	22K	5%	1/4W
R61	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R62	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R63	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R64	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R66	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
to R75						
R76	1-249-419-11	s	RES, CARBON	1.5K	5%	1/4W
R77	1-249-413-11	s	RES, CARBON	470	5%	1/4W
R78	1-249-417-11	s	RES, CARBON	1K	5%	1/4W
R79	1-249-417-11	s	RES, CARBON	1K	5%	1/4W

Ref. No.	Parts No.	SP	Description
R80	1-249-417-11	s	RES, CARBON 1K 5% 1/4W
R82	1-249-418-11	s	RES, CARBON 1.2K 5% 1/4W
R83	1-249-428-11	s	RES, CARBON 8.2K 5% 1/4W
R101 to R156	1-215-431-00	s	RES, METAL 2.7K 1% 1/6W
R201 toR 256	1-249-413-11	s	RES, CARBON 470 5% 1/4W
R301	1-214-833-00	s	RES, METAL 51 1% 1/2W
R302	1-214-833-00	s	RES, METAL 51 1% 1/2W
R303	1-214-833-00	s	RES, METAL 51 1% 1/2W
R354	1-214-833-00	s	RES, METAL 51 1% 1/2W
R355	1-214-833-00	s	RES, METAL 51 1% 1/2W
R356	1-214-833-00	s	RES, METAL 56 1% 1/2W
R401	1-249-402-11	s	RES, CARBON 56 5% 1/4W
R402	1-249-402-11	s	RES, CARBON 56 5% 1/4W
R403	1-249-402-11	s	RES, CARBON 56 5% 1/4W
R454	1-249-402-11	s	RES, CARBON 56 5% 1/4W
R455	1-249-402-11	s	RES, CARBON 56 5% 1/4W
R456	1-249-402-11	s	RES, CARBON 56 5% 1/4W
R501	1-214-833-00	s	RES, METAL 51 1% 1/2W
R502	1-214-833-00	s	RES, METAL 51 1% 1/2W
R503	1-214-833-00	s	RES, METAL 51 1% 1/2W
R554	1-214-833-00	s	RES, METAL 51 1% 1/2W
R555	1-214-833-00	s	RES, METAL 51 1% 1/2W
R556	1-214-833-00	s	RES, METAL 51 1% 1/2W
R601	1-249-402-11	s	RES, CARBON 56 5% 1/4W
R602	1-249-402-11	s	RES, CARBON 56 5% 1/4W
R603	1-249-402-11	s	RES, CARBON 56 5% 1/4W
R654	1-249-402-11	s	RES, CARBON 56 5% 1/4W
R655	1-249-402-11	s	RES, CARBON 56 5% 1/4W
R656	1-249-402-11	s	RES, CARBON 56 5% 1/4W
RB1 to RB6	1-235-195-00	s	RES BLOCK 10K×8
RV101 to RV 156	1-228-459-00	s	RES, ADJ, CERMET 10K
ZD101 to ZD 156	8-719-935-44	s	DIODE HZ6C3L

RG-23 BOARD

Ref. No.	Parts No.	SP	Description
-	A-7850-728-A	o	COMPLETE PCB, RG-23

(This assembly includes the following parts.)

Ref. No.	Parts No.	SP	Description
-	4-927-193-01	o	BRACKET, RG PC BOARD
-	7-682-547-09	s	SCREW +B 3×6
-	7-682-947-01	s	SCREW +PSW 3×6
C1	1-124-480-11	s	CAP, ELECT 470 20% 25V
C2	1-124-480-11	s	CAP, ELECT 470 20% 25V
C3	1-101-004-00	s	CAP, CERAMIC 0.01 50V
C4	1-101-004-00	s	CAP, CERAMIC 0.01 50V
C5	1-124-480-11	s	CAP, ELECT 470 20% 25V
C6	1-124-925-11	s	CAP, ELECT 2.2 20% 100V
C7	1-124-006-11	s	CAP, ELECT 10 20% 25V (NONPOLAR)
C8	1-124-556-11	s	CAP, ELECT 2200 20% 16V
C9	1-161-900-11	s	CAP, CERAMIC 1 50V
C10	1-161-900-11	s	CAP, CERAMIC 1 50V
CN1	1-564-241-00	o	PIN, CONNECTOR 4P
CN2	1-564-243-00	o	PIN, CONNECTOR 6P
D1	8-719-911-19	s	DIODE 1SS119
D2	8-719-911-19	s	DIODE 1SS119
D3	8-719-921-13	s	DIODE HZ2CLL
D4 to D6	8-719-911-19	s	DIODE 1SS119
D7	8-719 910-75	s	DIODE HZ7C2L
D8	8-719-911-19	s	DIODE 1SS119
D9	8-719-200-02	s	DIODE 10E-2
D10	8-719-200-02	s	DIODE 10E-2
IC1	8-759-982-38	s	IC RC7905FA
Q1	8-729-173-13	s	TRANSISTOR 2SB731
Q2	8-729-140-21	s	TRANSISTOR 2SA1444-L
Q3	8-729-119-78	s	TRANSISTOR 2SC2785-HFE
Q4	8-729-119-78	s	TRANSISTOR 2SC2785-HFE
Q5	8-729-119-76	s	TRANSISTOR 2SA1175-HFE
Q6	8-729-105-29	s	TRANSISTOR 2SA1385-L
Q7	8-729-119-78	s	TRANSISTOR 2SC2785-HFE
Q8	8-729-119-78	s	TRANSISTOR 2SC2785-HFE
Q9	8-729-119-76	s	TRANSISTOR 2SA1175-HFE
Q10	8-729-119-78	s	TRANSISTOR 2SC2785-HFE
Q11	8-729-105-29	s	TRANSISTOR 2SA1385-L
Q12	8-729-119-76	s	TRANSISTOR 2SA1175-HFE
Q13	8-729-119-76	s	TRANSISTOR 2SA1175-HFE
Q14	8-729-119-78	s	TRANSISTOR 2SC2785-HFE
Q15	8-729-205-88	s	TRANSISTOR 2SC3074-Y
Q16	8-729-180-92	s	TRANSISTOR 2SD809-K
Q17	8-729-140-18	s	TRANSISTOR 2SC3694-L
R1	1-207-612-00	s	RES, WIRE-WOUND 0.1 10% 3W F
R2	1-215-908-00	s	RES, WIRE 33 5% 3W F
R3	1-249-417-11	s	RES, CARBON 1K 5% 1/4W
R4	1-249-429-11	s	RES, CARBON 10K 5% 1/4W
R5	1-249-441-11	s	RES, CARBON 100K 5% 1/4W
R6	1-249-429-11	s	RES, CARBON 10K 5% 1/4W
R7	1-249-401-11	s	RES, CARBON 47 5% 1/4W
R8	1-249-417-11	s	RES, CARBON 1K 5% 1/4W
R9	1-249-413-11	s	RES, CARBON 470 5% 1/4W
R10	1-249-417-11	s	RES, CARBON 1K 5% 1/4W
R11	1-249-417-11	s	RES ,CARBON 1K 5% 1/4W
R12	1-249-429-11	s	RES, CARBON 10K 5% 1/4W
R13	1-249-423-11	s	RES, CARBON 3.3K 5% 1/4W
R14	1-249-429-11	s	RES, CARBON 10K 5% 1/4W
R15	1-249-429-11	s	RES, CARBON 10K 5% 1/4W

Ref. No.	Parts No.	SP	Description			
R16	1-249-401-11	s	RES, CARBON	47	5%	1/4W
R17	1-249-417-11	s	RES, CARBON	1K	5%	1/4W
R18	1-249-411-11	s	RES, CARBON	330	5%	1/4W
R19	1-249-417-11	s	RES, CARBON	1K	5%	1/4W
R20	1-249-417-11	s	RES, CARBON	1K	5%	1/4W
R21 to R23	1-249-429-11	s	RES,CARBON	10K	5%	1/4W
R24	1-249-417-11	s	RES, CARBON	1K	5%	1/4W
R25	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R26	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R27	1-249-441-11	s	RES, CARBON	100K	5%	1/4W
R28	1-249-411-11	s	RES, CARBON	330	5%	1/4W
R29	1-249-417-11	s	RES, CARBON	1K	5%	1/4W
R30	1-249-417-11	s	RES, CARBON	1K	5%	/4W
R31	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R32	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R33	1-249-417-11	s	RES, CARBON	1K	5%	1/4W
R34	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R35	1-249-423-11	s	RES, CARBON	3.3K	5%	1/4W
R36	1-215-911-11	s	RES, WIRE	100	10%	2W
R37	1-207-612-00	s	RES, WIRE-WOUND	0.1	10%	3W
R38	1-249-433-11	s	RES, CARBON	22K	5%	1/4W
R39	1-249-417-11	s	RES, CARBON	1K	5%	1/4W
R40	1-214-721-00	s	RES, METAL	470	1%	1/4W
RY1 to RY3	1-515-714-11	s	RELAY			

RLD-1 BOARD

Ref. No.	Parts No.	SP	Description			
-	A-7850-644-A	o	COMPLETE PCB, RLD-1			

(This assembly includes the following parts.)

Ref. No.	Parts No.	SP	Description			
-	1-563-859-11	s	RECEPTACLE,CONNECOTR 2P			
-	2-251-622-11	s	LEVER,PC BOARD			
-	4-928-330-01	o	NUT (M2.6), HEXAGON			
-	7-621-775-50	s	SCREW +B 2.6×10			
-	7-685-546-14	s	SCREW +BTP 3×8			
-	9-911-845-99	s	CUSHION (A)			
C104	1-124-478-11	s	CAP, ELECT	100	20%	25V
C105	1-102-112-00	s	CAP, CERAMIC	330P	10%	50V
C106	1-130-475-00	s	CAP, MYLAR	0.0022	5%	50V
C107	1-130-495-00	s	CAP, MYLAR	0.1	5%	50V
C108	1-130-495-00	s	CAP, MYLAR	0.1	5%	50V
C109	1-130-495-00	s	CAP, MYLAR	0.1	5%	50V
C110	1-124-120-11	s	CAP, ELECT	220	20%	25V
C111	1-124-277-11	s	CAP, ELECT	4.7	20%	35V
C112	1-136-173-00	s	CAP, FILM	0.47	5%	50V
C113	1-130-487-00	s	CAP, MYLAR	0.022	5%	50V
C114 to C127	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C133	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C134	1-124-120-11	s	CAP, ELECT	220	20%	25V
C135	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C201	1-102-112-00	s	CAP, CERAMIC	330P	10%	50V
C202	1-130-475-00	s	CAP, MYLAR	0.0022	5%	50V
C203	1-130-495-00	s	CAP, MYLAR	0.1	5%	50V
C204	1-130-495-00	s	CAP, MYLAR	0.1	5%	50V
C205	1-130-495-00	s	CAP, NYLAR	0.1	5%	50V
C206	1-124-277-11	s	CAP, ELECT	4.7	20%	35V
C207	1-136-173-00	s	CAP, FILM	0.47	5%	50V
C208	1-130-487-00	s	CAP, MYLAR	0.022	5%	50V
C209 to C222	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C301	1-102-121-00	s	CAP, CERAMIC	0.0022	10%	50V
C302	1-123-382-00	s	CAP, ELECT	3.3	20%	100V
C303	1-102-121-00	s	CAP, CERAMIC	0.0022	10%	50V
C304	1-123-382-00	s	CAP, ELECT	3.3	20%	100V
C305	1-102-121-00	s	CAP, CERAMIC	0.0022	10%	50V
C306	1-123-382-00	s	CAP, ELECT	3.3	20%	100V
C307	1-102-121-00	s	CAP, CERAMIC	0.0022	10%	50V
C308	1-123-382-00	s	CAP, ELECT	3.3	20%	100V
C313 to C316	1-124-917-11	s	CAP, ELECT	33	20%	50V
C317 to C320	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C401	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C403	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C404	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C406	1-102-121-00	s	CAP, CERAMIC	0.0022	10%	50V
C407	1-136-173-00	s	CAP, FILM	0.47	5%	50V
C408 to C411	1-124-122-11	s	CAP, ELECT	100	20%	50V
C412	1-136-173-00	s	CAP, FILM	0.47	5%	50V
C414	1-124-278-00	s	CAP, ELECT	10 (NONPOLAR)	20%	35V
C415	1-136-173-00	s	CAP, FILM	0.47	5%	50V
C417	1-124-278-00	s	CAP, ELECT	10 (NONPOLAR)	20%	35V
C418 to C430	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C431	1-126-233-11	s	CAP, ELECT	22	20%	50V
C432	1-101-004-00	s	CAP, CERAMIC (Serial No. 10601 and higher.)	0.01		50V
C501	1-124-907-00	s	CAP, ELECT	10	20%	50V
C502	1-124-910-11	s	CAP, ELECT	47	20%	50V
C503	1-124-907-00	s	CAP, ELECT	10	20%	50V
C504	1-124-910-11	s	CAP, ELECT	47	20%	50V
C505	1-101-004-00	s	CAP, CERAMIC	0.01		50V
CN1	1-565-207-11	s	CONNECTOR, DIN (MALE) 128P			

Ref. No.	Parts No.	SP	Description
D101	8-719-200-77	s	DIODE 10E2N
D102	8-719-200-77	s	DIODE 10E2N
D103	8-719-109-85	s	DIODE RD5.1ESB2
D104	8-719-109-85	s	DIODE RD5.1ESB2
D105	8-719-911-19	s	DIODE 1SS119
D106	8-719-911-19	s	DIODE 1SS119
D107	8-719-911-19	s	DIODE 1SS119
D108	8-719-109-66	s	DIODE RD3.3ES-B2
D109	8-719-911-19	s	DIODE 1SS119
D110	8-719-911-19	s	DIODE 1SS119
D111	8-719-911-19	s	DIODE 1SS119
D112	8-719-109-97	s	DIODE RD6.8ES-B2
D113	8-719-911-19	s	DIODE 1SS119
D114	8-719-911-19	s	DIODE 1SS119
D115	8-719-110-13	s	DIODE RD9.1ES-B2
D116	8-719-110-13	s	DIODE RD9.1ES-B2
D119 to D122	8-719-911-19	s	DIODE 1SS119
D201	8-719-109-85	s	DIODE RD5.1ES-B2
D202	8-719-109-85	s	DIODE RD5.1ES-B2
D203	8-719-911-19	s	DIODE 1SS119
D204	8-719-911-19	s	DIODE 1SS119
D205	8-719-911-19	s	DIODE 1SS119
D206	8-719-109-66	s	DIODE RD3.3ES-B2
D207	8-719-911-19	s	DIODE 1SS119
D208	8-719-911-19	s	DIODE 1SS119
D209	8-719-911-19	s	DIODE 1SS119
D210	8-719-109-97	s	DIODE RD6.8ES-B2
D211	8-719-911-19	s	DIODE 1SS119
D212	8-719-911-19	s	DIODE 1SS119
D213	8-719-110-13	s	DIODE RD9.1ES-B2
D214	8-719-110-13	s	DIODE RD9.1ES-B2
D217 to D220	8-719-911-19	s	DIODE 1SS119
D301 to D312	8-719-911-19	s	DIODE 1SS119
D401	8-719-300-33	s	DIODE RU-3AM
D402 to D409	8-719-200-77	s	DIODE 10E2N
D410 to D417	8-719-911-19	s	DIODE 1SS119
D418 to D425	8-719-200-77	s	DIODE 10E2N
D427	8-719-911-19	s	DIODE 1SS119
D429	8-719-911-19	s	DIODE 1SS119
D430	8-719-911-19	s	DIODE 1SS119
D501 to D504	8-719-300-33	s	DIODE RU-3AM
D505	8-719-911-19	s	DIODE 1SS119
D506	8-719-911-19	s	DIODE 1SS119
IC101	8-759-340-13	s	IC HD14013BP
IC102	8-759-045-38	s	IC MC14538BCP
IC103	8-759-040-70	s	IC MC14070BCP
IC104	8-759-000-48	s	IC MC14052BCP
IC105 to IC108	8-759-503-91	s	IC TL082ACP

Ref. No.	Parts No.	SP	Description
IC110	8-759-982-23	s	IC RC78L08A
IC201	8-759-340-13	s	IC HD14013BP
IC202	8-759-045-38	s	IC MC14538BCP
IC203	8-759-040-70	s	IC MC14070BCP
IC204	8-759-000-48	s	IC MC14052BCP
IC205 to IC208	8-759-503-91	s	IC TL082ACP
IC301	8-759-503-91	s	IC TL082ACP
IC302	8-759-503-91	s	IC TL082ACP
IC401	8-759-901-56	s	IC SN74LS156N
IC402	8-759-906-69	s	IC SN74LS669N
IC403	8-759-916-20	s	IC SN74HC14AN
IC404	8-759-916-12	s	IC SN74HC00AN
IC405	8-759-916-12	s	IC SN74HC00AN
IC408 to IC411	8-759-503-91	s	IC TL082ACP
IC412	8-759-239-47	s	IC TC74HC123AP
IC501	8-759-239-47	s	IC TC74HC123AP
JR101	1-566-388-11	s	PIN, CONNECTOR 8P
JR102	1-566-388-11	s	PIN, CONNECTOR 8P
JR201	1-566-388-11	s	PIN, CONNECTOR 8P
JR301	1-566-388-11	s	PIN, CONNECTOR 8P
JR302	1-566-388-11	s	PIN, CONNECTOR 8P
JR401	1-566-388-11	s	PIN, CONNECTOR 8P
L103	1-409-309-00	s	COIL, SN 72UH
PH101	8-719-945-60	s	PC827
PH201	8-719-945-60	s	PC827
Q101	8-729-900-80	s	TRANSISTOR DTC114ES
Q102	8-729-900-80	s	TRANSISTOR DTC114ES
Q105	8-729-900-80	s	TRANSISTOR DTC114ES
Q106 to Q109	8-729-194-57	s	TRANSISTOR 2SC945-P
Q110	8-729-119-76	s	TRANSISTOR 2SA1175-HFE
Q111	8-729-194-57	s	TRANSISTOR 2SC945-P
Q201	8-729-900-80	s	TRANSISTOR DTC114ES
Q202	8-729-900-80	s	TRANSISTOA DTC114ES
Q205	8-729-900-80	s	TRANSISTOR DTC114ES
Q206 to Q209	8-729-194-57	s	TRANSISTOR 2SC945-P
Q210	8-729-119-76	s	TRANSISTOR 2SA1175-HFE
Q211	8-729-194-57	s	TRANSISTOR 2SC945-P
Q301	8-729-201-32	s	TRANSISTOR 2SA1013
Q302	8-729-201-32	s	TRANSISTOR 2SA1013
Q303	8-729-306-92	s	TRANSISTOR 2SD669A
Q304	8-729-238-32	s	TRANSISTOR 2SC2383-O
Q305	8-729-306-92	s	TRANSISTOR 2SD669A
Q306	8-729-238-32	s	TRANSISTOR 2SC2383-O
Q307	8-729-201-32	s	TRANSISTOR 2SA1013-O
Q308	8-729-201-32	s	TRANSISTOR 2SA1013-O

Ref. No.	Parts No.	SP	Description
Q309	8-729-306-92	s	TRANSISTOR 2SD669A
Q310	8-729-238-32	s	TRANSISTOR 2SC2383-O
Q311	8-729-306-92	s	TRANSISTOR 2SD669A
Q312	8-729-238-32	s	TRANSISTOR 2SC2383-O
Q401 to Q404	8-729-900-61	s	TRANSISTOR DTA114ES
Q405 to Q409	8-729-205-88	s	TRANSISTOR 2SC3074-Y
Q410	8-729-105-29	s	TRANSISTOR 2SA1385-L
Q411	8-729-900-80	s	TRANSISTOR DTC114ES
Q412	8-729-205-88	s	TRANSISTOR 2SC3074-Y
Q413	8-729-105-29	s	TRANSISTOR 2SA1385-L
Q414	8-729-900-80	s	TRANSISTOR DTC114ES
Q415	8-729-205-88	s	TRANSISTOR 2SC3074-Y
Q416	8-729-105-29	s	TRANSISTOR 2SA1385-L
Q417	8-729-900-80	s	TRANSISTOR DTC114ES
Q418	8-729-105-29	s	TRANSISTOR 2SA1385-L
Q419	8-729-205-88	s	TRANSISTOR 2SC3074-Y
Q420	8-729-900-80	s	TRANSISTOR DTC114ES
Q421	8-729-383-73	s	TRANSISTOR 2SC2837
Q422	8-729-201-32	s	TRANSISTOR 2SA1013
Q423	8-729-119-76	s	TRANSISTOR 2SA1175-HFE
Q424	8-729-900-80	s	TRANSISTOR DTC114ES
Q425	8-729-103-80	s	TRANSISTOR 2SA1261-K
Q426	8-729-900-80	s	TRANSISTOR DTC114ES
Q427	8-729-900-80	s	TRANSISTOR DTC114ES
Q428	8-729-103-33	s	TRANSISTOR 2SD1310-K
Q429	8-729-103-33	s	TRANSISTOR 2SD1310-K
Q430	8-729-194-57	s	TRANSISTOR 2SC945-P
Q431	8-729-103-80	s	TRANSISTOR 2SC945-P
Q501	8-729-194-57	s	TRANSISTOR 2SC954-P
Q502	8-729-900-80	s	TRANSISTOR DTC114ES
Q503	8-729-188-23	s	TRANSISTOR 2SD882-P
Q504	8-729-900-80	s	TRANSISTOR DTC114ES
Q505	8-729-188-23	s	TRANSISTOR 2SD882-P
Q506	8-729-194-57	s	TRANSISTOR 2SC954-P
Q507	8-729-900-80	s	TRANSISTOR DTC114ES
Q508	8-729-188-23	s	TRANSISTOR 2SD882-P
Q509	8-729-900-80	s	TRANSISTOR DTC114ES
Q510	8-729-188-23	s	TRANSISTOR 2SD882-P
R101	1-249-411-11	s	RES, CARBON 330 5% 1/4W
R102	1-249-417-11	s	RES, CARBON 1K 5% 1/4W
R103	1-249-411-11	s	RES, CARBON 330 5% 1/4W
R104	1-249-417-11	s	RES, CARBON 1K 5% 1/4W
R105	1-249-429-11	s	RES, CARBON 10K 5% 1/4W
R106	1-215-450-00	s	RES, METAL 16K 1% 1/4W
			(Up to Serial No.10100)
	1-215-452-00	s	RES, METAL 20K 1% 1/4W
			(Serial No.10101 and higher)
R107	1-249-423-11	s	RES, CARBON 3.3K 5% 1/4W
R108	1-249-423-11	s	RES, CARBON 3.3K 5% 1/4W
R109	1-249-431-11	s	RES, CARBON 15K 5% 1/4W
R110	1-249-436-11	s	RES, CARBON 39K 5% 1/4W

Ref. No.	Parts No.	SP	Description
R111	1-249-421-11	s	RES, CARBON 2.2K 5% 1/4W
R112	1-249-429-11	s	RES, CARBON 10K 5% 1/4W
R113	1-215-459-00	s	RES, METAL 39K 1% 1/4W
R114	1-215-455-00	s	RES, METAL 27K 1% 1/4W
			(Up to Serial No.10100)
	1-215-457-00	s	RES, METAL 33K 1% 1/4W
			(Serial No.10101 and higher)
R115	1-215-451-00	s	RES, METAL 18K 1% 1/4W
R116	1-249-427-11	s	RES, CARBON 6.8K 5% 1/4W
R117	1-249-427-11	s	RES, CARBON 6.8K 5% 1/4W
R118	1-249-428-11	s	RES, CARBON 8.2K 5% 1/4W
R119	1-249-428-11	s	RES, CARBON 8.2K 5% 1/4W
R120	1-249-429-11	s	RES, CARBON 10K 5% 1/4W
R121	1-249-409-11	s	RES, CARBON 220 5% 1/4W
R122	1-249-422-11	s	RES, CARBON 2.7K 5% 1/4W
R123	1-249-431-11	s	RES, CARBON 15K 5% 1/4W
R124	1-249-415-11	s	RES, CARBON 680 5% 1/4W
R125	1-249-423-11	s	RES, CARBON 3.3K 5% 1/4W
R126	1-249-415-11	s	RES, CARBON 680 5% 1/4W
R127	1-249-431-11	s	RES, CARBON 15K 5% 1/4W
R128	1-249-441-11	s	RES, CARBON 100K 5% 1/4W
R129	1-249-429-11	s	RES, CARBON 10K 5% 1/4W
R130	1-249-424-11	s	RES, CARBON 3.9K 5% 1/4W
R131	1-249-408-11	s	RES, CARBON 180 5% 1/4W
R132	1-249-426-11	s	RES, CARBON 5.6K 5% 1/4W
R133	1-249-426-11	s	RES, CARBON 5.6K 5% 1/4W
R134	1-249-421-11	s	RES, CARBON 2.2K 5% 1/4W
R135	1-247-895-00	s	RES, CARBON 470K 5% 1/4W
R136	1-249-429-11	s	RES, CARBON 10K 5% 1/4W
R137	1-249-429-11	s	RES, CARBON 10K 5% 1/4W
R138	1-249-429-11	s	RES, CARBON 10K 5% 1/4W
R139	1-249-424-11	s	RES, CARBON 3.9K 5% 1/4W
R140	1-249-408-11	s	RES, CARBON 180 5% 1/4W
R141	1-247-887-00	s	RES, CARBON 220K 5% 1/4W
R142	1-249-429-11	s	RES, CARBON 10K 5% 1/4W
R143	1-249-429-11	s	RES, CARBON 10K 5% 1/4W
R146	1-249-408-11	s	RES, CARBON 180 5% 1/4W
R147	1-249-429-11	s	RES, CARBON 10K 5% 1/4W
R148	1-247-696-11	s	RES, CARBON 47 5% 1/4W
R149	1-215-445-00	s	RES, CARBON 10K 1% 1/4W
R150	1-215-445-00	s	RES, CARBON 10K 1% 1/4W
R151	1-215-463-00	s	RES, METAL 56K 1% 1/4W
			(Up to Serial No.10100)
	1-215-466-00	s	RES, METAL 75K 1 % 1/4W
			(Serial No.10101 and higher)
R152	1-215-446-00	s	RES, METAL 11K 1% 1/4W
R153	1-215-465-00	s	RES, METAL 68K 1% 1/4W
R201	1-249-411-11	s	RES ,CARBON 330 5% 1/4W
R202	1-249-417-11	s	RES, CARBON 1K 5% 1/4W
R203	1-249-411-11	s	RES, CARBON 330 5% 1/4W
R204	1-249-417-11	s	RES, CARBON 1K 5% 1/4W

Ref. No.	Parts No.	SP	Description			
R205	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R206	1-215-450-00	s	RES, METAL	16K	1%	1/6W
			(Up to Serial No.10100)			
	1-215-452-00	s	RES, METAL	20K	1%	1/6W
R207	1-249-423-11	s	RES, CARBON	3.3K	5%	1/4W
R208	1-249-423-11	s	RES, CARBON	3.3K	5%	1/4W
R209	1-249-431-11	s	RES, CARBON	15K	5%	1/4W
R210	1-249-436-11	s	RES, CARBON	39K	5%	1/4W
R211	1-249-421-11	s	RES, CARBON	2.2K	5%	1/4W
R212	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R213	1-215-459-00	s	RES, METAL	39K	1%	1/6W
R214	1-215-455-00	s	RES, METAL	27K	1%	1/6W
			(Up to Serial No.10100)			
	1-215-457-00	s	RES, METAL	33K	1%	1/6W
			(Serial No.10101 and higher)			
R215	1-215-451-00	s	RES, METAL	18K	1%	1/6W
R216	1-249-427-11	s	RES, CARBON	6.8K	5%	1/4W
R217	1-249-427-11	s	RES, CARBON	6.8K	5%	1/4W
R218	1-249-428-11	s	RES, CARBON	8.2K	5%	1/4W
R219	1-249-428-11	s	RES, CARBON	8.2K	5%	1/4W
R220	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R221	1-249-409-11	s	RES, CARBON	220	5%	1/4W
R222	1-249-422-11	s	RES, CARBON	2.7K	5%	1/4W
R223	1-249-431-11	s	RES, CARBON	15K	5%	1/4W
R224	1-249-415-11	s	RES, CARBON	680	5%	1/4W
R225	1-249-423-11	s	RES, CARBON	3.3K	5%	1/4W
R226	1-249-415-11	s	RES, CARBON	680	5%	1/4W
R227	1-249-431-11	s	RES, CARBON	15K	5%	1/4W
R228	1-249-441-11	s	RES, CARBON	100K	5%	1/4W
R229	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R230	1-249-424-11	s	RES, CARBON	3.9K	5%	1/4W
R231	1-249-408-11	s	RES, CARBON	180	5%	1/4W
R232	1-249-426-11	s	RES, CARBON	5.6K	5%	1/4W
R233	1-249-426-11	s	RES, CARBON	5.6K	5%	1/4W
R234	1-249-421-11	s	RES, CARBON	2.2K	5%	1/4W
R235	1-247-895-00	s	RES, CARBON	470K	5%	1/4W
R236	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R237	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R238	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R239	1-249-424-11	s	RES, CARBON	3.9K	5%	1/4W
R240	1-249-408-11	s	RES, CARBON	180	5%	1/4W
R241	1-247-887-00	s	RES,CARBON	220K	5%	1/4W
R242	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R243	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R246	1-249-408-11	s	RES, CARBON	180	5%	1/4W
R247	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R249	1-215-445-00	s	RES, METAL	10K	1%	1/6W
R250	1-215-445-00	s	RES, METAL	10K	1%	1/6W
R251	1-215-463-00	s	RES, METAL	56K	1%	1/6W
			(Up to Serial No.10100)			
	1-215-466-00	s	RES, METAL	75K	1%	1/6W
			(Serial No.10101 and higher)			
R252	1-215-446-00	s	RES, METAL	11K	1%	1/6W

Ref. No.	Parts No.	SP	Description			
R253	1-215-465-00	s	RES, METAL	68K	1%	1/6W
⚠R300	1-249-453-11	s	RES, CARBON	3.3	5%	1/4W
R301	1-247-717-11	s	RES, CARBON	2.2K	5%	1/4W
R302	1-247-725-11	s	RES, CARBON	10K	5%	1/4W
R303	1-247-725-11	s	RES, CARBON	10K	5%	1/4W
R304	1-249-453-11	s	RES, CARBON	3.3	5%	1/4W
R305	1-247-717-11	s	RES, CARBON	2.2K	5%	1/4W
R306	1-215-437-00	s	RES, METAL	4.7K	1%	1/6W
R307	1-215-421-00	s	RES, METAL	1K	1%	1/6W
R308	1-249-423-11	s	RES, CARBON	3.3K	5%	1/4W
R309	1-249-423-11	s	RES, CARBON	3.3K	5%	1/4W
R310	1-215-442-00	s	RES, METAL	7.5K	1%	1/6W
R311	1-215-449-00	s	RES, METAL	15K	1%	1/6W
R312	1-249-420-11	s	RES, CARBON	1.8K	5%	1/4W
R313	1-215-449-00	s	RES, METAL	15K	1%	1/6W
R314	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
⚠R315	1-247-764-11	s	RES, CARBON	10K	5%	1/2W
R316	1-247-688-11	s	RES, CARBON	10	5%	1/4W
R317	1-249-409-11	s	RES, CARBON	220	5%	1/4W
R318	1-249-418-11	s	RES, CARBON	1.2K	5%	1/4W
R319	1-249-405-11	s	RES, CARBON	100	5%	1/4W
R320	1-249-420-11	s	RES, CARBON	1.8K	5%	1/4W
R321	1-215-449-00	s	RES, METAL	15K	1%	1/6W
R322	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
⚠R323	1-247-764-11	s	RES, CARBON	10K	5%	1/2W
R324	1-247-688-11	s	RES, CARBON	10	5%	1/4W
R325	1-249-409-11	s	RES, CARBON	220	5%	1/4W
R326	1-249-418-11	s	RES, CARBON	1.2K	5%	1/4W
R327	1-249-405-11	s	RES, CARBON	100	5%	1/4W
⚠R328	1-249-453-11	s	RES, CARBON	3.3	5%	1/4W
R329	1-247-717-11	s	RES, CARBON	2.2K	5%	1/4W
R330	1-247-725-11	s	RE S,CARBON	10K	5%	1/4W
R331	1-247-725-11	s	RES, CARBON	10K	5%	1/4W
R332	1-249-453-11	s	RES, CARBON	3.3	5%	1/4W
R333	1-247-717-11	s	RES, CARBON	2.2K	5%	1/4W
R334	1-215-437-00	s	RES, METAL	4.7K	1%	1/6W
R335	1-215-421-00	s	RES, METAL	1K	1%	1/6W
R336	1-249-423-11	s	RES, CARBON	3.3K	5%	1/4W
R337	1-249-423-11	s	RES, CARBON	3.3K	5%	1/4W
R338	1-215-442-00	s	RES, METAL	7.5K	1%	1/6W
R339	1-215-449-00	s	RES, METAL	15K	1%	1/6W
R340	1-249-420-11	s	RES, CARBON	1.8K	5%	1/4W
R341	1-215-449-00	s	RES, METAL	15K	1%	1/6W
R342	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
⚠R343	1-247-764-11	s	RES, CARBON	10K	5%	1/2W

Ref. No.	Parts No.	SP	Description			
⚠ R344	1-247-688-11	s	RES, CARBON	10	5%	1/4W
R345	1-249-409-11	s	RES, CARBON	220	5%	1/4W
R346	1-249-418-11	s	RES, CARBON	1.2K	5%	1/4W
R347	1-249-405-11	s	RES, CARBON	100	5%	1/4W
R348	1-249-420-11	s	RES, CARBON	1.8K	5%	1/4W
R349	1-215-449-00	s	RES, METAL	15K	1%	1/6W
R350	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
⚠ R351	1-247-764-11	s	RES, CARBON	10K	5%	1/2W
R352	1-247-688-11	s	RES, CARBON	10	5%	1/4W
R353	1-249-409-11	s	RES, CARBON	220	5%	1/4W
R354	1-249-418-11	s	RES, CARBON	1.2K	5%	1/4W
R355	1-249-405-11	s	RES, CARBON	100	5%	1/4W
⚠ R400	1-217-194-11	s	RES, WIRE	0.33	10%	2W
R401	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
⚠ R402	1-247-735-11	s	RES, CARBON	47	5%	1/2W
to R405						
R406	1-249-415-11	s	RES, CARBON	680	5%	1/4W
to R409						
R410	1-247-895-00	s	RES, CARBON	470K	5%	1/4W
R411	1-249-428-11	s	RES, CARBON	8.2K	5%	1/4W
R412	1-249-428-11	s	RES, CARBON	8.2K	5%	1/4W
⚠ R413	1-249-482-11	s	RES, CARBON	4.7	5%	1/2W
R414	1-249-482-11	s	RES, CARBON	4.7	5%	1/2W
R415	1-215-445-00	s	RES, METAL	10K	1%	1/6W
R416	1-215-445-00	s	RES, METAL	10K	1%	1/6W
R417	1-215-469-00	s	RES, METAL	100K	1%	1/6W
R418	1-215-469-00	s	RES, METAL	100K	1%	1/6W
R419	1-215-445-00	s	RES, METAL	10K	1%	1/6W
to R425						
R426	1-215-437-00	s	RES, METAL	4.7K	1%	1/6W
R427	1-249-409-11	s	RES, CARBON	220	5%	1/4W
R428	1-215-481-00	s	RES, METAL	330K	1%	1/6W
R429	1-215-445-00	s	RES, METAL	10K	1%	1/6W
R430	1-215-445-00	s	RES, METAL	10K	1%	1/6W
R431	1-215-445-00	s	RES, METAL	10K	1%	1/6W
R432	1-215-469-00	s	RES, METAL	100K	1%	1/6W
R433	1-215-469-00	s	RES, METAL	100K	1%	1/6W
R434	1-215-445-00	s	RES, METAL	10K	1%	1/6W
to R440						
R441	1-215-437-00	s	RES, METAL	4.7K	1%	1/6W
R442	1-249-409-11	s	RES, CARBON	220	5%	1/4W
R443	1-215-481-00	s	RES, METAL	330K	1%	1/6W
R444	1-215-445-00	s	RES, METAL	10K	1%	1/6W
R445	1-249-417-11	s	RES, CARBON	1K	5%	1/4W

Ref. No.	Parts No.	SP	Description			
R446	1-249-437-11	s	RES, CARBON	47K	5%	1/4W
R447	1-249-437-11	s	RES, CARBON	47K	5%	1/4W
R448	1-249-421-11	s	RES, CARBON	2.2K	5%	1/4W
			(Serial No.10101 to 10600)			
R449	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R450	1-249-417-11	s	RES, CARBON	1K	5%	1/4W
R451	1-249-437-11	s	RES, CARBON	47K	5%	1/4W
R452	1-249-441-11	s	AES, CARBON	100K	5%	1/4W
			(Serial No.10601 and higher)			
R501	1-249-418-11	s	RES, CARBON	1.2K	5%	1/4W
R502	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
R503	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
R504	1-249-435-11	s	RES, CARBON	33K	5%	1/4W
R505	1-249-418-11	s	RES, CARBON	1.2K	5%	1/4W
R506	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
R507	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
R508	1-249-435-11	s	RES, CARBON	33K	5%	1/4W
RB401	1-235-195-00	s	RES BLOCK	10K×8		
RYS1	1-515-713-11	s	RELAY, REED			
RYS2	1-515-713-11	s	RELAY, REED			
RYS5	1-515-519-00	s	RELAY			
RYT1	1-515-713-11	s	RELAY, REED			
RYT2	1-515-713-11	s	RELAY, REED			
RYT3	1-515-519-00	s	RELAY			

RM-59 BOARD

-	A-7850-687-A	o	COMPLETE PCB, RM-59			

(This assembly includes the following parts.)

-	1-563-859-11	s	RECEPTACLE, CONNECTOR 2P			
-	3-696-448-01	o	HINGE, SS			
-	4-927-207-01	o	SHEET, INSULATING, RM			
-	7-682-647-09	s	SCREW +PS 3×6			
C9	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C14	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C15	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C16	1-124-584-00	s	CAP, ELECT	100	20%	10V
C17	1-101-004-00	s	CAP, CERAMIC	0.01		50V
to C23						
C24	1-124-257-00	s	CAP, ELECT	2.2	20%	50V
C25	1-102-951-00	s	CAP, CERAMIC	15P	5%	50V
C26	1-102-947-00	s	CAP, CERAMIC	10P	5%	50V
C27	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C28	1-124-584-00	s	CAP, ELECT	100	20%	10V
C29	1-124-584-00	s	CAP, ELECT	100	20%	10V
C30	1-101-004-00	s	CAP, CERAMIC	0.01		50V
to C51						
C52	1-124-584-00	s	CAP, ELECT	100	20%	10V
C53	1-101-004-00	s	CAP, CERAMIC	0.01		50V
to C58						
C59	1-124-584-00	s	CAP, ELECT	100	20%	10V

Ref. No.	Parts No.	SP	Description
C60 to C74	1-101-004-00	s	CAP, CERAMIC 0.01 50V
C75	1-102-973-00	s	CAP, CERAMIC 100P 5% 50V
C76	1-102-973-00	s	CAP, CERAMIC 100P 5% 50V
C77	1-102-973-00	s	CAP, CERAMIC 100P 5% 50V
C78	1-102-963-00	s	CAP, CERAMIC 33P 5% 50V
C79	1-102-963-00	s	CAP, CERAMIC 33P 5% 50V
C80	1-102-963-00	s	CAP, CERAMIC 33P 5% 50V
C81	1-101-004-00	s	CAP, CERAMIC 0.01 50V
C82	1-101-004-00	s	CAP, CERAMIC 0.01 50V
C84 to C90	1-101-004-00	s	CAP, CERAMIC 0.01 50V
C91 to C96	1-102-959-00	s	CAP, CERAMIC 22P 5% 50V
C97 to C104	1-101-004-00	s	CAP, CERAMIC 0.01 50V
C105	1-124-584-00	s	CAP, ELECT 100 20% 10V
C106	1-101-004-00	s	CAP, CERAMIC 0.01 50V
C107	1-101-004-00	s	CAP, CERAMIC 0.01 50V
C108	1-102-959-00	s	CAP, CERAMIC 22P 5% 50V
C109	1-102-959-00	s	CAP, CERAMIC 22P 5% 50V
C110 to C119	1-102-963-00	s	CAP, CERAMIC 33P 5% 50V
C120	1-101-004-00	s	CAP, CERAMIC 0.01 50V
C121	1-124-584-00	s	CAP, ELECT 100 20% 10V
C122 to C124	1-101-004-00	s	CAP, CERAMIC 0.01 50V
C125 to C130	1-104-004-00	s	CAP, CERAMIC 0.01 50V
C131 to C136	1-102-963-00	s	CAP, CERAMIC 33P 5% 50V
C137 to C144	1-104-004-00	s	CAP, CERAMIC 0.01 50V
C145	1-124-584-00	s	CAP, ELECT 100 20% 10V
C146	1-104-004-00	s	CAP, CERAMIC 0.01 50V
C147	1-104-004-00	s	CAP, CERAMIC 0.01 50V
C148 to C156	1-102-963-00	s	CAP, CERAMIC 33P 5% 50V
C157 to C164	1-101-004-00	s	CAP, CERAMIC 0.01 50V
C165 to C173	1-102-963-00	s	CAP, CERAMIC 33P 5% 50V
C174 to C186	1-101-004-00	s	CAP, CERAMIC 0.01 50V
C187	1-124-584-00	s	CAP, ELECT 100 20% 10V
C188 to C193	1-101-004-00	s	CAP, CERAMIC 0.01 50V
CN810	1-565-687-11	o	HEADER, STRAIGHT 50P
CN811	1-565-687-11	o	HEADER, STRAIGHT 50P
CN812	1-565-257-11	o	HEADER, PIN (WITH LEVER) 60P
CN813	1-564-243-00	o	PIN, CONNECTOR 6P
CN814	1-560-034-00	o	PLUG, CONNECTOR 6P
CN815	1-506-491-11	o	PIN, CONNECTOR 12P
CN816	1-506-483-21	o	PIN, CONNECTOR 4P

Ref. No.	Parts No.	SP	Description
IC101	8-759-107-46	s	IC UPA64HA
IC102	8-759-107-45	s	IC UPA54HA
IC103	8-759-107-46	s	IC UPA64HA
IC104	8-759-107-45	s	IC UPA54HA
IC105	8-759-107-46	s	IC UPA64HA
IC106	8-759-107-45	s	IC UPA54HA
IC107	8-759-107-46	s	IC UPA64HA
IC108	8-759-107-45	s	IC UPA54HA
IC109	8-759-107-46	s	IC UPA64HA
IC110	8-759-107-45	s	IC UPA54HA
IC111	8-759-107-46	s	IC UPA64HA
IC112	8-759-107-45	s	IC UPA54HA
IC113	8-759-107-46	s	IC UPA64HA
IC114	8-759-107-45	s	IC UPA54HA
IC115	8-759-107-46	s	IC UPA64HA
IC116	8-759-107-45	s	IC UPA54HA
ICA9	8-759-916-35	s	IC SN74HC107AN
ICB3 to ICB6	8-759-001-63	s	IC MC74HC595N
ICB7	8-759-917-06	s	IC SN74HC574AN
ICB8	8-759-917-05	s	IC SN74HC541AN
ICB9	8-759-916-25	s	IC SN74HC32AN
ICB10	8-759-916-14	s	IC SN74HC04AN
ICB11	8-759-901-89	s	IC SN74LS189AN
ICB13	8-759-909-72	s	IC CX-7912A
ICC1	8-759-921-21	s	IC SN74HC163AN
ICC2	8-759-921-21	s	IC SN74HC163AN
ICC3	8-759-904-84	s	IC 74F74PC
ICC4	8-759-906-71	s	IC 74F175PC
ICC5	8-759-917-43	s	IC SN74HC138AN
ICC6	8-759-913-46	s	IC 74F299PC
ICC8	8-759-917-06	s	IC SN74HC574AN
ICC9	8-759-917-58	s	IC 74F164PC
ICC10	8-759-916-25	s	IC SN74HC32AN
ICC11	8-759-916-40	s	IC SN74HC125AN
ICC12	8-759-916-29	s	IC SN74HC74N
ICC13	8-759-916-29	s	IC SN74HC74N
ICD1	8-759-917-60	s	IC 74F169PC
ICD2	8-759-917-60	s	IC 74F169PC
ICD3	8-759-904-81	s	IC 74F08PC
ICD4	8-759-906-71	s	IC 74F175PC
ICD5	8-759-917-58	s	IC 74F164PC
ICD6	8-759-917-58	s	IC 74F164PC
ICD7	8-759-906-66	s	IC 74F86PC
ICD9	8-759-917-52	s	IC 74F138PC
ICD10	8-759-915-93	s	IC 74F163APC
ICD11	8-759-904-83	s	IC 74F32PC
ICD12	8-759-916-40	s	IC SN74HC125AN
ICD13	8-759-926-32	s	IC AM26LS32PC

Ref. No.	Parts No.	SP	Description			
ICE1	8-759-951-24	s	IC SN75124N			
ICE2	8-759-951-24	s	IC SN75124N			
ICE3	8-759-951-21	s	IC SN75121N			
ICE4	8-759-951-21	s	IC SN75121N			
ICE6	8-759-916-16	s	IC SN74HC08AN			
ICE7	8-759-916-12	s	IC SN74HC00AN			
ICE8	8-759-916-25	s	IC SNC74HC32AN			
ICE9	8-759-916-29	s	IC SN74HC74N			
ICE10	8-759-921-21	s	IC SN74HC163AN			
ICE11	8-759-916-29	s	IC SN74HC74N			
ICE12	8-759-917-01	s	IC SN74HC379N			
ICE13	8-759-916-15	s	IC SN74HC05N			
ICE14	8-759-916-15	s	IC SN74HC05N			
ICF5	8-759-921-10	s	IC SN74HC86AN			
ICF7	8-759-916-29	s	IC SN74HC74N			
ICF8	8-759-916-29	s	IC SN74HC74N			
ICF9	8-759-916-25	s	IC SN74HC32AN			
ICF10	8-759-916-25	s	IC SN74HC32AN			
ICF11	8-759-916-14	s	IC SN74HC04AN			
ICF12	8-759-916-40	s	IC SN74HC125AN			
ICF13	8-759-916-46	s	IC SN74HC139AN			
ICF14	8-759-917-05	s	IC SN74HC541AN			
ICG5	8-759-926-32	s	IC AM26LS32PC			
ICG6	8-759-921-21	s	IC SN74HC163AN			
ICG7	8-759-921-21	s	IC SN74HC163AN			
ICG8	8-759-916-14	s	IC SN74HC04AN			
ICG9	8-759-916-16	s	IC SN74HC08AN			
ICG10	8-759-916-16	s	IC SN74HC08AN			
ICG11	8-759-916-12	s	IC SN74HC00AN			
ICG12	8-759-916-40	s	IC SN74HC125AN			
ICG13	8-759-917-05	s	IC SN74HC541AN			
ICG14	8-759-917-05	s	IC SN74HC541AN			
ICH5	8-759-926-31	s	IC AM26LS31PC			
ICH6	8-759-926-31	s	IC AM26LS31PC			
ICH7	8-759-004-72	s	IC MC74HC259N			
ICH9	8-759-916-29	s	IC SN74HC74N			
ICH10	8-759-916-25	s	IC SN74HC32AN			
ICH11	8-759-916-14	s	IC SN74HC04AN			
ICH12	8-759-916-25	s	IC SN74HC32AN			
ICJ5	8-759-926-31	s	IC AM26LS31PC			
ICJ6	8-759-926-32	s	IC AM26LS32PC			
ICJ7	8-759-917-06	s	IC SN74HC574AN			
ICJ9	8-752-321-00	s	IC CXK5816PN-12L			
ICJ10	8-759-917-43	s	IC SN74HC138AN			
ICJ11	8-759-921-34	s	IC SN74HC245AN			
ICJ13	8-759-107-62	s	IC CXQ71071P			
ICJ14	8-759-917-05	s	IC SN74HC541AN			
ICK5	8-759-926-31	s	IC AM26LS31PC			
ICK6	8-759-926-32	s	IC AM26LS32PC			
ICK7	8-759-916-98	s	IC SN74HC377N			
ICK8	8-759-917-05	s	IC SN74HC541AN			
ICK9	8-759-921-34	s	IC SN74HC245AN			
ICK10	8-759-921-34	s	IC SN74HC245AN			
ICK11	8-759-921-50	s	IC SN74HC573BN			
ICK14	8-759-921-34	s	IC SN74HC245AN			
ICL5	8-759-926-32	s	IC AM26LS32PC			
ICL6	8-759-917-05	s	IC SN74HC541AN			
ICL7	8-759-917-05	s	IC SN74HC541AN			
ICL8	8-759-917-06	s	IC SN74HC574AN			
ICL9	8-759-917-43	s	IC SN74HC138AN			
ICL11	8-759-917-05	s	IC SN74HC541AN			
ICL12	8-759-917-05	s	IC SN74HC541AN			
JP2	1-566-388-11	s	PIN, CONNECTOR 8P			
JP3	1-566-388-11	s	PIN, CONNECTOR 8P			
JP4	1-566-388-11	s	PIN, CONNECTOR 8P			
PH1	8-719-945-60	s	PC827			
R1	1-249-416-11	s	RES, CARBON	820	5%	1/4W
R2	1-247-903-00	s	RES, CARBON	1M	5%	1/4W
R3 to R7	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R9	1-249-405-11	s	RES, CARBON	100	5%	1/4W
R10	1-249-405-11	s	RES, CARBON	100	5%	1/4W
R11	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R12	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R14	1-249-441-11	s	RES, CARBON	100K	5%	1/4W
R16	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R17	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R18	1-247-213-00	s	RES, CARBON	75	5%	1/2W
R19	1-247-213-00	s	RES, CARBON	75	5%	1/2W
R20	1-247-213-00	s	RES, CARBON	75	5%	1/2W
R21	1-249-421-11	s	RES, CARBON	2.2K	5%	1/4W
R22	1-249-421-11	s	RES, CARBON	2.2K	5%	1/4W
R23	1-249-421-11	s	RES, CARBON	2.2K	5%	1/4W
R24	1-249-401-11	s	RES, CARBON	47	5%	1/4W
R25	1-249-401-11	s	RES, CARBON	47	5%	1/4W
R26	1-249-401-11	s	RES, CARBON	47	5%	1/4W
R27	1-214-713-00	s	RES, METAL	220	1%	1/4W
R28	1-214-713-00	s	RES, METAL	220	1%	1/4W
R29	1-214-713-00	s	RES, METAL	220	1%	1/4W
R30	1-214-713-00	s	RES, METAL	220	1%	1/4W
R31 to R38	1-249-417-11	s	RES, CARBON	1K	5%	1/4W
R39 to R48	1-249-401-11	s	RES, CARBON	47	5%	1/4W
R49	1-214-713-00	s	RES, METAL	220	1%	1/4W
R50	1-214-713-00	s	RES, METAL	220	1%	1/4W
R51	1-214-713-00	s	RES, METAL	220	1%	1/4W
R52 to R57	1-249-401-11	s	RES, CARBON	47	5%	1/4W
R58	1-249-429-11	s	RES, CARBON	10K	5%	1/4W

Ref. No.	Parts No.	SP	Description			
R59 to R63	1-214-713-00	s	RES, METAL	220	1%	1/4W
R64 to R73	1-249-401-11	s	RES, CARBON	47	5%	1/4W
R74	1-214-713-00	s	RES, METAL	220	1%	1/4W
R75	1-214-713-00	s	RES, METAL	220	1%	1/4W
R76	1-214-713-00	s	RES, METAL	220	1%	1/4W
R77	1-214-713-00	s	RES, METAL	220	1%	1/4W
R78 to R85	1-249-417-11	s	RES, CARBON	1K	5%	1/4W
R86	1-249-415-11	s	RES, CARBON	680	5%	1/4W
R87	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R88	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R89	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
RB1	1-235-195-00	s	RES BLOCK 10K×8			
RB4 to RB11	1-235-195-00	s	RES BLOCK 10K×8			
RB14	1-231-533-00	s	RES BLOCK 10K×4			
RB15	1-235-195-00	s	RES BLOCK 10K×8			
RB16	1-235-195-00	s	RES BLOCK 10K×8			
RB17	1-231-533-00	s	RES BLOCK 10K×4			
RB18	1-235-195-00	s	RES BLOCK 10K×8			
RB19	1-235-195-00	s	RES BLOCK 10K×8			
X1	1-567-862-11	s	VIBRATOR, CRYSTAL			

RS-24 BOARD

-	A-7850-642-A	o	COMPLETE PCB, RS-24

(This assembly includes the following parts.)

Ref. No.	Parts No.	SP	Description			
-	1-562-735-11	o	HOUSING, CONNECTOR 2P			
-	1-562-736-11	o	HOUSING, CONNECTOR 3P			
-	1-564-831-11	o	CONTACT, CONNECTOR			
-	2-251-622-11	s	LEVER, PC BOARD			
-	7-621-773-95	s	SCREW +B 2.6×6			
-	7-685-546-14	s	SCREW +BTP 3×8			
-	9-911-845-99	s	CUSHION (A)			
C101	1-126-233-11	s	CAP, ELECT	22	20%	25V
C102 to C123	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C124	1-126-162-11	s	CAP, ELECT	3.3	20%	35V
C125	1-126-162-11	s	CAP, ELECT	3.3	20%	35V
C201	1-126-233-11	s	CAP, ELECT	22	20%	50V
C202	1-124-903-11	s	CAP, ELECT	1	20%	50V
C203	1-126-233-11	s	CAP, ELECT	22	20%	50V
C204 to C216	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C217	1-124-907-00	s	CAP, ELECT	10	20%	50V
C301	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C302	1-124-034-51	s	CAP, ELECT	33	20%	16V
C303	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C304	1-124-034-51	s	CAP, ELECT	33	20%	16V
C305 to C310	1-136-165-00	s	CAP, FILM	0.1	5%	50V
C311 to C318	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C401	1-124-277-11	s	CAP, ELECT	4.7	20%	35V
C402	1-124-277-11	s	CAP, ELECT	4.7	20%	35V
C403	1-130-481-00	s	CAP, MYLAR	0.0068	5%	50V
C404	1-130-481-00	s	CAP, MYLAR	0.0068	5%	50V
C405 to C413	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C415	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C416	1 101-002-00	s	CAP, CERAMIC	0.0022		50V
C417	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C418	1-101-002-00	s	CAP, CERAMIC	0.0022		50V
C419	1-102-106-00	s	CAP, CERAMIC	100P	10%	50V
C420	1-102-106-00	s	CAP, CERAMIC	100P	10%	50V
C501	1-130-471-00	s	CAP	0.001	5%	50V
C502	1-136-171-00	s	CAP, FILM	0.33	5%	50V
C503	1-136-171-00	s	CAP, FILM	0.33	5%	50V
C504	1-136-171-00	s	CAP, FILM	0.33	5%	50V
C505	1-130-495-00	s	CAP, MYLAR	0.1	5%	50V
C506	1-130-495-00	s	CAP, MYLAR	0.1	5%	50V
C507	1-130-495-00	s	CAP, MYLAR	0.1	5%	50V
C509	1-130-483-00	s	CAP, MYLAR	0.01	5%	50V
C510 to C516	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C601	1-102-106-00	s	CAP, CERAMIC	100P	10%	50V
C602	1-102-106-00	s	CAP, CERAMIC	100P	10%	50V
C603	1-124-499-11	s	CAP, ELECT	1	20%	50V
C604	1-130-483-00	s	CAP, MYLAR	0.01	5%	50V
C605	1-124-499-11	s	CAP, ELECT	1	20%	50V
C608	1-102-106-00	s	CAP, CERAMIC	100P	10%	50V
C609	1-102-106-00	s	CAP, CERAMIC	100P	10%	50V
C610	1-124-499-11	s	CAP, ELECT	1	20%	50V
C612 to C627	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C701	1-102-074-00	s	CAP, CERAMIC	0.001	10%	50V
C702	1-102-074-00	s	CAP, CERAMIC	0.001	10%	50V
C703	1-102-106-00	s	CAP, CERAMIC	100P	10%	50V
C704	1-130-495-00	s	CAP, MYLAR	0.1	5%	50V
C705	1-130-495-00	s	CAP, MYLAR	0.1	5	50V
C706	1-102-125-00	s	CAP, CERAMIC	0.0047	10%	50V
C707	1-102-125-00	s	CAP, CERAMIC	0.0047	10%	50V
C708	1-102-106-00	s	CAP, CERAMIC	100P	10%	50V
C711	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C714	1-124-120-11	s	CAP, ELECT	220	20%	25V
C715	1-102-074-00	s	CAP, CERAMIC	0.001	10%	50V
C716	1-102-074-00	s	CAP, CERAMIC	0.001	10%	50V
C717	1-126-101-11	s	CAP, ELECT	100	20%	16V
C718	1-126-101-11	s	CAP, ELECT	100	20%	16V
C719	1-126-101-11	s	CAP, ELECT	100	20%	16V
C720	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C721	1-126-101-11	s	CAP, ELECT	100	20%	16V
C722	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C723	1-130-495-00	s	CAP, MYLAR	0.1	5%	50V
C724 to C730	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C731	1-124-120-11	s	CAP, ELECT	220	20%	25V

Ref. No.	Parts No.	SP	Description
C732	1-162-179-11	s	CAP, CERAMIC 0.1 50V
C737	1-102-106-00	s	CAP, CERAMIC 100P 10% 50V
CN1	1-565-207-21	s	CONNECTOR, DIN (MALE) 128P
D101	8-719-109-85	s	DIODE RD5.1ES-B2
D401 to D408	8-719-911-19	s	DIODE 1SS119
D501 to D508	8-719-911-19	s	DIODE 1SS119
D509	8-719-109-85	s	DIODE RD5.1ES-B2
D510	8-719-153-54	s	DIODE RD4.7EB1TN
D511	8-719-153-51	s	DIODE RD4.3EB1TN
D512	8-719-153-51	s	DIODE RD4.3EB1TN
D603 to D607	8-719-911-19	s	DIODE 1SS119
D608	8-719-109-85	s	DIODE RD5.1ESB2
D609	8-719-911-19	s	DIODE 1SS119
D610	8-719-109-51	s	DIODE RD2.0ES-B2
D612	8-719-911-19	s	DIODE 1SS119
D613	8-719-812-41	s	DIODE TLR124
D616	8-719-109-51	s	DIODE RD2.0ES-B2
D618 to D621	8-719-153-51	s	DIODE RD4.3EB1TN
D622 to D625	8-719-911-19	s	DIODE 1SS119
D701 to D704	8-719-911-19	s	DIODE 1SS119
D705	8-719-200-77	s	DIODE 10E2N
D706	8-719-200-77	s	DIODE 10E2N
D707	8-719-110-13	s	DIODE RD9.1ES-B2
D708	8-719-110-13	s	DIODE RD9.1ES-B2
D709 to D712	8-719-911-19	s	DIODE 1SS119
D714	8-719-109-85	s	DIODE RD5.1ESB2
D715 to D718	8-719-110-22	s	DIODE RD11ESB2
IC101	8-759-916-25	s	IC SN74HC32AN
IC102	8-759-916-16	s	IC SN74HC08AN
IC103	8-759-916-15	s	IC SN74HC05AN
IC104	8-759-916-14	s	IC SN74HC04AN
IC105	8-759-921-10	s	IC SN74HC86AN
IC106	8-759-917-05	s	IC SN74HC541AN
IC107 to IC110	8-759-916-29	s	IC SN74HC74AN
IC111	8-759-916-55	s	IC SN74HC175AN
IC112	8-759-917-05	s	IC SN74HC541AN
IC113	8-759-917-20	s	IC SN74HC645AN
IC114	8-759-921-21	s	IC SN74HC163AN
IC115	8-759-917-43	s	IC SN74HC138AN
IC116	8-759-916-50	s	IC SN74HC157AN
IC117	8-759-917-05	s	IC SN74HC541AN
IC118	8-752-322-10	s	IC CXK5814P-55L

Ref. No.	Parts No.	SP	Description
IC119	8-759-202-08	s	IC TC5093AP
IC120	8-759-906-69	s	IC SN74LS669N
IC121 to IC125	8-759-107-46	s	IC UPA64HA
IC126 to IC130	8-759-107-45	s	IC UPA54HA
IC201	8-759-107-53	s	IC CXQ71055P
IC202	8-759-107-53	s	IC CXQ71055P
IC203	8-759-107-53	s	IC CXQ71055P
IC204	8-759-916-14	s	IC SN74HC04AN
IC205	8-759-916-18	s	IC SN74HC10AN
IC206	8-759-916-16	s	IC SN74HC08AN
IC207	8-759-916-25	s	IC SN74HC32AN
IC208	8-759-239-47	s	IC TC74HC123AP
IC209	8-759-916-25	s	IC SN74HC32AN
IC210	8-759-916-25	s	IC SN74HC32AN
IC301	8-759-107-53	s	IC CXQ71055SP
IC302	8-759-924-25	s	IC PCM54HP
IC303	8-759-000-47	s	IC MC14051BCP
IC304	8-759-503-91	s	IC TL082ACP
IC305	8-759-503-91	s	IC TL082ACP
IC306	8-759-503-91	s	IC TL082ACP
IC401	8-759-503-91	s	IC TL082ACP
IC402	8-759-503-91	s	IC TL082ACP
IC403	8-759-103-93	s	IC UPC393C
IC404	8-759-103-93	s	IC UPC393C
IC405	8-759-990-84	s	IC TL084CN
IC406	8-759-000-48	s	IC MC14052BCP
IC407	8-759-000-48	s	IC MC14052BCP
IC501	8-759-921-10	s	IC SN74HC86AN
IC502	8-759-916-29	s	IC SN74HC74AN
IC503	8-759-000-01	s	IC MC74HC4538N
IC504	8-759-904-77	s	IC AM26LS32ACN
IC505	8-759-000-48	s	IC MC14052BCP
IC506	8-759-503-91	s	IC TL082ACP
IC507	8-759-503-91	s	IC TL082ACP
IC601	8-759-000-47	s	IC MC14051BCP
IC602	8-759-000-48	s	IC MC14052BCP
IC603	8-759-503-91	s	IC TL082ACP
IC604	8-759-503-91	s	IC TL082ACP
IC605	8-759-503-91	s	IC TL082ACP
IC606	8-759-990-84	s	IC TL084CN
IC607	8-759-103-93	s	IC UPC393C
IC608 to IC612	8-759-503-91	s	IC TL082ACP
IC613	8-759-000-47	s	IC MC14051BCP
IC614	8-759-000-48	s	IC MC14052BCP
IC615	8-759-503-91	s	IC TL082ACP
IC616	8-759-000-48	s	IC MC14052BCP
IC701 to IC704	8-759-503-91	s	IC TL082ACP
IC705	8-759-231-53	s	IC TA7805S
IC706	8-759-982-38	s	IC RC7905S
IC707	8-759-982-44	s	IC RC79L05A

Ref. No.	Parts No.	SP	Description
IC708	8-759-982-21	s	IC RC78L05A
L701	1-409-309-00	s	COIL, SN 72UH
Q501	8-729-900-80	s	TRANSISTOR DTC114ES
Q601	8-729-115-30	s	TRANSISTOR 2SK105ATP-30
to Q603			
Q604	8-729-194-57	s	TRANSISTOR 2SC945-P
Q605	8-729-900-80	s	TRANSISTOR DTC114ES
Q606	8-729-900-61	s	TRANSISTOR DTA114ES
Q607	8-729-900-80	s	TRANSISTOR DTC114ES
Q608	8-729-218-43	s	TRANSISTOR 2SK184-GR
Q609	8-729-218-43	s	TRANSISTOR 2SK184-GR
Q610	8-729-218-43	s	TRANSISTOR 2SK184-GR
Q611	8-729-218-43	s	TRANSISTOR 2SK184-GR
Q701	8-729-194-57	s	TRANSISTOR 2SC945-P
Q702	8-729-119-76	s	TRANSISTOR 2SA1175-HFE
Q703	8-729-194-57	s	TRANSISTOR 2SC945-P
Q704	8-729-194-57	s	TRANSISTOR 2SC945-P
Q705	8-729-119-76	s	TRANSISTOR 2SA1175-HFE
Q706	8-729-194-57	s	TRANSISTOR 2SC945-P
to Q708			
R101	1-249-437-11	s	RES, CARBON 47K 5% 1/4W
R102	1-249-437-11	s	RES, CARBON 47K 5% 1/4W
R103	1-249-437-11	s	RES, CARBON 47K 5% 1/4W
R104	1-249-423-11	s	RES, CARBON 3.3K 5% 1/4W
R105	1-249-417-11	s	RES, CARBON 1K 5% 1/4W
R201	1-249-420-11	s	RES, CARBON 1.8K 5% 1/4W
R202	1-249-420-11	s	RES, CARBON 1.8K 5% 1/4W
R203	1-249-429-11	s	RES, CARBON 10K 5% 1/4W
R204	1-249-429-11	s	RES, CARBON 10K 5% 1/4W
R205	1-249-429-11	s	RES, CARBON 10K 5% 1/4W
R206	1-249-437-11	s	RES, CARBON 47K 5% 1/4W
R207	1-249-437-11	s	RES, CARBON 47K 5% 1/4W
R208	1-249-429-11	s	RES ,CARBON 10K 5% 1/4W
R209	1-249-425-11	s	RES, CARBON 4.7K 5% 1/4W
R210	1-249-426-11	s	RES, CARBON 5.6K 5% 1/4W
R301	1-215-445-00	s	RES, METAL 10K 1% 1/6W
R302	1-215-453-00	s	RES, METAL 22K 1% 1/6W
R303	1-215-445-00	s	RES, METAL 10K 1% 1/6W
R304	1-215-454-00	s	RES, METAL 24K 1% 1/6W
R305	1-215-445-00	s	RES, METAL 10K 1 % 1/6W
R306	1-215-449-00	s	RES, METAL 15K 1% 1/6W
R307	1-215-445-00	s	RES, METAL 10K 1% 1/6W
R308	1-215-449-00	s	RES, METAL 15K 1% 1/6W
R309	1-247-887-00	s	RES, CARBON 220K 5% 1/4W (Serial No.10502, 10504, 10601 and higher)
R401	1-249-423-11	s	RES, CARBON 3.3K 5% 1/4W
R402	1-249-427-11	s	RES, CARBON 6.8K 5% 1/4W
R403	1-249-421-11	s	RES, CARBON 2.2K 5% 1/4W
R404	1-249-421-11	s	RES, CARBON 2.2K 5% 1/4W
R405	1-249-426-11	s	RES, CARBON 5.6K 5% 1/4W
R406	1-249-426-11	s	RES, CARBON 5.6K 5% 1/4W

Ref. No.	Parts No.	SP	Description
R407	1-249-426-11	s	RES, CARBON 5.6K 5% 1/4W
R408	1-215-435-00	s	RES, METAL 3.9K 1% 1/4W
to R413			(Up to Serial No.11100 only)
R408	1-249-419-11	s	RES, CARBON 1.5K 5% 1/4W
t oR413			(Serial No. 11101 and higher only)
R414	1-215-489-00	s	RES, METAL 680K 1% 1/4W
R415	1-215-471-00	s	RES, METAL 120K 1% 1/4W
R416	1-215-465-00	s	RES, METAL 68K 1% 1/4W
R417	1-215-453-00	s	RES, METAL 22K 1% 1/4W
R418	1-215-463-00	s	RES, METAL 56K 1% 1/4W
R419	1-215-463-00	s	RES, METAL 56K 1% 1/4W
R420	1 215-465-00	s	RES, METAL 68K 1% 1/4W
R421	1-249-437-11	s	RES, METAL 47K 1% 1/4W
R422	1-249-409-11	s	RES, CARBON 220 5% 1/4W
R423	1-215-445-00	s	RES, METAL 10K 1% 1/4W
R424	1-249-429-11	s	RES, CARBON 10K 5% 1/4W
R425	1-215-445-00	s	RES, METAL 10K 1% 1/4W
R426	1-249-429-11	s	RES, CARBON 10K 5% 1/4W
R427	1-249-429-11	s	RES, CARBON 10K 5% 1/4W
R428	1-249-409-11	s	RES, CARBON 220 5% 1/4W
R429	1-249-423-11	s	RES, CARBON 3.3K 5% 1/4W
R430	1-249-427-11	s	RES, CARBON 6.8K 5% 1/4W
R431	1-249-421-11	s	RES, CARBON 2.2K 5% 1/4W
R432	1-249-421-11	s	RES, CARBON 2.2K 5% 1/4W
R433	1-249-426-11	s	RES, CARBON 5.6K 5% 1/4W
R434	1-249-426-11	s	RES, CARBON 5.6K 5% 1/4W
R435	1-249-426-11	s	RES, CARBON 5.6K 5% 1/4W
R436,	1-215-437-00	s	RES, METAL 4.7K 1% 1/4W
R437			(Up to Serial No. 11100 only)
R436,	1-249-422-11	s	RES, CARBON 2.7K 5% 1/4W
R437			(Serial No. 11101 and higher)
R438	1-215-435-00	s	RES, METAL 3.9K 1% 1/4W
to R443			(Up to Serial No.11100 only)
R438	1-249-419-11	s	RES, CARBON 1.5K 5% 1/4W
to R443			(Serial No. 11101 only higher)
R444	1-215-489-00	s	RES, METAL 680K 1% 1/4W
R445	1-215-471-00	s	RES, METAL 120K 1% 1/4W
R446	1-215-479-00	s	RES, METAL 270K 1% 1/4W
R447	1-215-397-00	s	RES, METAL 100K 1% 1/4W
R448	1-215-463-00	s	RES, METAL 56K 1% 1/4W
R449	1-215-463-00	s	RES, METAL 56K 1% 1/4W
R450	1-215-465-00	s	RES, METAL 68K 1% 1/4W
R451	1-249-437-11	s	RES, CARBON 47K 5% 1/4W
R452	1-249-409-11	s	RES, CARBON 220 5% 1/4W
R453	1-215-445-00	s	RES, METAL 10K 1% 1/4W
R454	1-249-429-11	s	RES, CARBON 10K 5% 1/4W
R455	1-215-445-00	s	RES, METAL 10K 1% 1/4W
R456	1-249-429-11	s	RES, CARBON 10K 5% 1/4W
R457	1-249-429-11	s	RES, CARBON 10K 5% 1/4W
R458	1-249-409-11	s	RES, CARBON 220 5% 1/4W
R459	1-247-895-00	s	RES, CARBON 470K 5% 1/4W

Ref. No.	Parts No.	SP	Description			
R460	1-247-895-00	s	RES, CARBON	470K	5%	1/4W
R461	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
to R464						
R501	1-249-409-11	s	RES, CARBON	220	5%	1/4W
R502	1-249-409-11	s	RES, CARBON	220	5%	1/4W
R503	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
R504	1-215-445-00	s	RES, METAL	10K	1%	1/4W
R505	1-249-422-11	s	RES, CARBON	2.7K	5%	1/4W
R506	1-215-449-00	s	RES, METAL	15K	1%	1/4W
R507	1-215-459-00	s	RES, METAL	39K	1%	1/4W
R508	1-215-429-00	s	RES, METAL	2.2K	1%	1/4W
R509	1-215-435-00	s	RES, METAL	3.9K	1%	1/4W
R510	1-215-449-00	s	RES, METAL	15K	1%	1/4W
R511	1 -215-459-00	s	RES, METAL	39K	1%	1/4W
R512	1-249-409-11	s	RES, CARBON	220	5%	1/4W
R514	1-215-441-00	s	RES, METAL	6.8K	1%	1/4W
R515	1-247-903-00	s	RES, CARBON	1M	5%	1/4W
R516	1-215-453-00	s	RES, METAL	22K	1%	1/4W
R517	1-215-441-00	s	RES, METAL	6.8K	1%	1/4W
R518	1-215-453-00	s	RES, METAL	22K	1%	1/4W
R519	1-249-409-11	s	RES, CARBON	220	5%	1/4W
R520	1-215-445-00	s	RES, METAL	10K	1%	1/4W
R521	1-215-462-00	s	RES, METAL	51K	1%	1/4W
R522	1-215-446-00	s	RES, METAL	11K	1%	1/4W
R523	1-215-465-00	s	RES, METAL	68K	1%	1/4W
R601	1-215-451-00	s	RES, METAL	18K	1%	1/4W
R602	1-215-459-00	s	RES, METAL	39K	1%	1/4W
R603	1-215-457-00	s	RES, METAL	33K	1%	1/4W
R604	1-215-447-00	s	RES, METAL	12K	1%	1/4W
R605	1-215-452-00	s	RES, METAL	20K	1%	1/4W
R606	1-215-467-00	s	RES, METAL	82K	1%	1/4W
R607	1-249-453-11	s	RES, CARBON	33K	5%	1/4W
R608	1-249-409-11	s	RES, CARBON	220	5%	1/4W
R609	1-215-445-00	s	RES, METAL	10K	1%	1/4W
to R611						
R612	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R613	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R614	1-249-409-11	s	RES, CARBON	220	5%	1/4W
R615	1-215-445-00	s	RES, METAL	10K	1%	1/4W
to R618						
R619	1-249-441-11	s	RES, CARBON	100K	5%	1/4W
R620	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R621	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R622	1-215-445-00	s	RES, METAL	10K	1%	1/4W
R623	1-215-455-00	s	RES, METAL	27K	1%	1/4W
R624	1-215-445-00	s	RES, METAL	10K	1%	1/4W
R625	1-249-409-11	s	RES, CARBON	220	5%	1/4W
R626	1-215-441-00	s	RES, METAL	6.8K	1%	1/4W
R627	1-215-465-00	s	RES, METAL	68K	1%	1/4W
R628	1-249-409-11	s	RES, CARBON	220	5%	1/4W
R629	1-215-445-00	s	RES, METAL	10K	1%	1/4W
R630	1-215-445-00	s	RES, METAL	10K	1%	1/4W
R631	1-249-409-11	s	RES, CARBON	220	5%	1/4W

Ref. No.	Parts No.	SP	Description			
R632	1-215-459-00	s	RES, METAL	39K	1%	1/4W
R633	1-215-439-00	s	RES, METAL	5.6K	1%	1/4W
R634	1-215-487-00	s	RES, METAL	560K	1%	1/4W
R635	1-215-469-00	s	RES, METAL	100K	1%	1/4W
R637	1-215-475-00	s	RES, METAL	180K	1%	1/4W
R638	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
R639	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
R640	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R641	1-249-426-11	s	RES, CARBON	5.6K	5%	1/4W
R642	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R643	1-247-903-00	s	RES, CARBON	1M	5%	1/4W
R644	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
R645	1-247-903-00	s	RES, CARBON	1M	5%	1/4W
R646	1-247-887-00	s	RES, CARBON	220K	5%	1/4W
R647	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
R648	1-247-887-00	s	RES, CARBON	220K	5%	1/4W
R649	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
R650	1-249-423-11	s	RES, CARBON	3.3K	5%	1/4W
R651	1-249-431-11	s	RES, CARBON	15K	5%	1/4W
R652	1-215-451-00	s	RES, METAL	18K	1%	1/4W
R653	1-215-459-00	s	RES, METAL	39K	1%	1/4W
R654	1-215-457-00	s	RES, METAL	33K	1%	1/4W
R655	1-215-447-00	s	RES, METAL	12K	1%	1/4W
R656	1-215-452-00	s	RES, METAL	20K	1%	1/4W
R657	1-215-467-00	s	RES, METAL	82K	1%	1/4W
R658	1-249-435-11	s	RES, CARBON	33K	5%	1/4W
R659	1-249-409-11	s	RES, CARBON	220	5%	1/4W
R660	1-215-445-00	s	RES, METAL	10K	1%	1/4W
R661	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R662	1-215-445-00	s	RES, METAL	10K	1%	1/4W
R663	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R664	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R665	1-249-409-11	s	RES, CARBON	220	5%	1/4W
R666	1-215-445-00	s	RES, METAL	10K	1%	1/4W
to R669						
R670	1-249-441-11	s	RES, CARBON	100K	5%	1/4W
R671	1-249-409-11	s	RES, CARBON	220	5%	1/4W
R672	1-215-445-00	s	RES, METAL	10K	1%	1/4W
R673	1-215-445-00	s	RES, METAL	10K	1%	1/4W
R674	1-215-445-00	s	RES, METAL	10K	1%	1/4W
R675	1-249-409-11	s	RES, CARBON	220	5%	1/4W
R676	1-215-465-00	s	RES, METAL	68K	1%	1/4W
R677	1-215-455-00	s	RES, METAL	27K	1%	1/4W
R678	1-215-441-00	s	RES, METAL	6.8K	1%	1/4W
R679	1-215-445-00	s	RES, METAL	10K	1%	1/4W
R680	1-249-409-11	s	RES, CARBON	220	5%	1/4W
R681	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R682	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R683	1-249-423-11	s	RES, CARBON	3.3K	5%	1/4W
R684	1-249-421-11	s	RES, CARBON	2.2K	5%	1/4W
R685	1-249-427-11	s	RES, CARBON	6.8K	5%	1/4W

Ref. No.	Parts No.	SP	Description			
R686	1-215-460-00	s	RES, METAL	43K	1%	1/4W
R687	1-215-445-00	s	RES, METAL	10K	1%	1/4W
R688	1-249-427-11	s	RES, CARBON	6.8K	5%	1/4W
R689	1-215-460-00	s	RES, METAL	43K	1%	1/4W
R690	1-215-445-00	s	RES, METAL	10K	1%	1/4W
R691	1-215-459-00	s	RES, METAL	39K	1%	1/4W
R692	1-215-439-00	s	RES, METAL	5.6K	1%	1/4W
R693	1-215-487-00	s	RES, METAL	560K	1%	1/4W
R694	1-215-469-00	s	RES, METAL	100K	1%	1/4W
R696	1-215-475-00	s	RES, METAL	180K	1%	1/4W
R697	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
R698	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
R699	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R701	1-215-445-00	s	RES, METAL	10K	1%	1/4W
R702	1-215-445-00	s	RES, METAL	10K	1%	1/4W
R703	1-249-427-11	s	RES, CARBON	6.8K	5%	1/4W
R704	1-249-415-11	s	RES, CARBON	680	5%	1/4W
R705	1-215-449-00	s	RES, METAL	15K	1%	1/4W
R706	1-249-426-11	s	RES, CARBON	5.6K	5%	1/4W
R707	1-215-445-00	s	RES, METAL	10K	1%	1/4W
R708	1-215-485-00	s	RES, METAL	470K	1%	1/4W
R709	1-249-421-11	s	RES, CARBON	2.2K	5%	1/4W
R710	1-215-459-00	s	RES, METAL	39K	1%	1/4W
R711 to R715	1-215-445-00	s	RES, METAL	10K	1%	1/4W
R716	1-215-465-00	s	RES, METAL	68K	1%	1/4W
R717	1-215-445-00	s	RES, METAL	10K	1%	1/4W
R718	1-215-457-00	s	RES, METAL	33K	1%	1/4W
R719	1-215-475-00	s	RES, METAL	180K	1%	1/4W
R720	1-249-409-11	s	RES, CARBON	220	5%	1/4W
R721	1-215-481-00	s	RES, METAL	330K	1%	1/4W
R722	1-249-421-11	s	RES, CARBON	2.2K	5%	1/4W
R723	1-249-421-11	s	RES, CARBON	2.2K	5%	1/4W
R724	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
R725	1-249-421-11	s	RES, CARBON	2.2K	5%	1/4W
R726	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
R727	1-249-423-11	s	RES, CARBON	3.3K	5%	1/4W
R728	1-249-423-11	s	RES, CARBON	3.3K	5%	1/4W
R729	1-249-423-11	s	RES, CARBON	3.3K	5%	1/4W
R730	1-215-445-00	s	RES, METAL	10K	1%	1/4W
R731	1-249-441-11	s	RES, CARBON	100K	5%	1/4W
R732	1-215-453-00	s	RES, METAL	22K	1%	1/4W
R733	1-249-409-11	s	RES, CARBON	220	5%	1/4W
R734	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
R735	1-249-417-11	s	RES, CARBON	1K	5%	1/4W
R736	1-249-414-11	s	RES, CARBON	560	5%	1/4W
R737	1-249-410-11	s	RES, CARBON	270	5%	1/4W
R738	1-249-410-11	s	RES, CARBON	270	5%	1/4W
R739	1-249-409-11	s	RES, CARBON	220	5%	1/4W
R740	1-249-409-11	s	RES, CARBON	220	5%	1/4W

Ref. No.	Parts No.	SP	Description
RB101	1-235-339-11	s	RES BLOCK 47K×8
RB102	1-235-339-11	s	RES BLOCK 47K×8
RB103	1-235-196-00	s	RES BLOCK 100K×8
RB104	1-235-339-11	s	RES BLOCK 47K×8
RB201	1-235-195-00	s	RES BLOCK 10K×8
RB202	1-235-195-00	s	RES BLOCK 10K×8
RB203	1-235-195-00	s	RES BLOCK 10K×8
RB204	1-235-192-00	s	RES BLOCK 1K×8
RB205	1-235-195-00	s	RES BLOCK 10K×8
RV301	1-237-522-21	s	RES, ADJ, CERMET 200K (Serial No. 10502, 10504, 10601 and higher)
RV401 to RV407	1-226-012-00	s	RES, ADJ, METAL 2K
RV408	1-237-517-21	s	RES, ADJ, CERMET 5K
RV409	1-237-517-21	s	RES, ADJ, CERMET 5K
RV410	1-237-520-21	s	RES, ADJ, CERMET 50K
RV411	1-237-517-21	s	RES, ADJ, CERMET 5K
RV412	1-237-517-21	s	RES, ADJ, CERMET 5K
RV413	1-237-520-21	s	RES, ADJ, CERMET 50K
RV501	1-230-749-11	s	RES, ADJ, CERMET 5K
RV502	1-237-520-21	s	RES, ADJ, CERMET 50K
RV601	1-237-521-21	s	RES, ADJ, CERMET 100K
RV602	1-237-521-21	s	RES, ADJ, CERMET 100K
RV603	1-237-517-21	s	RES, ADJ, CERMET 5K
RV701	1-237-516-21	s	RES, ADJ, CERMET 2K
RV702	1-237-520-21	s	RES, ADJ, CERMET 50K
RV703	1-237-520-21	s	RES, ADJ, CERMET 50K
RV704	1-237-515-21	s	RES, ADJ, CERMET 1K
RY1	1-515-519-00	s	RELAY
SW201	1-554-399-21	s	SWITCH, TOGGLE
SW202	1-553-252-00	s	SWITCH, ROTARY
SW203	1-553-252-00	s	SWITCH, ROTARY
SW204	1-554-399-21	s	SWITCH, TOGGLE

SKS-3 BOARD

-	9-994-723-01	o	MOUNTED PCB, SKS-3			

(This assembly includes the following parts.)

-	4-888-885-11	o	KNOB			
-	4-888-884-31	o	CAP, KNOB			
CN830	9-994-759-01	o	CONNECTOR WITH CABLE			
CN831	9-994-760-01	o	CONNECTOR WITH CABLE			
C1 to C10	1-101-004-00	s	CAP, ELECT	0.01		50V
C11 to C34	1-124-589-11	s	CAP, ELECT	47	20%	16V
C35	1-124-584-51	s	CAP, ELECT	100	20%	10V
C36	1-124-584-51	s	CAP, ELECT	100	20%	10V
C37	1-101-004-00	s	CAP, ELECT	0.01	50V	

Ref. No.	Parts No.	SP	Description			
D1 to D5	8-719-938-68	s	DIODE GL-3HY8			
D6	8-719-914-33	s	DIODE PG3432SY			
D7	8-719-812-41	s	DIODE TLR124			
D8	8-719-934-34	s	DIODE AA3432S			
D9	8-719-934-34	s	DIODE AA3432S			
D10 to D13	8-719-938-68	s	DIODE GL-3HY8			
D14	8-719-812-41	s	DIODE TLR124			
D15	8-719-812-41	s	DIODE TLR124			
D16	8-719-934-34	s	DIODE AA3432S			
D17	8-719-812-41	s	DIODE TLR124			
D18 to D23	8-719-938-68	s	DIODE GL-3HY8			
D24	8-719-914-33	s	DIODE PG3432SY			
D25	8-719-812-41	s	DIODE TLR124			
D26	8-719-938-68	s	DIODE GL-3HY8			
D27	8-719-938-68	s	DIODE GL-3HY8			
D28	8-719-914-33	s	DIODE PG3432SY			
D29	8-719-914-33	s	DIODE PG3432SY			
D30	8-719-812-41	s	DIODE TLR124			
D31 to D73	8-719-911-19	s	DIODE 1SS119			
IC1	8-759-909-48	s	IC SN74LS641-1N			
IC2	8-759-007-10	s	IC MC74HC541N			
IC3	8-759-007-10	s	IC MC74HC541N			
IC4	8-759-004-63	s	IC MC74HC125N			
IC5	8-759-007-10	s	IC MC74HC541N			
IC6 to IC10	8-759-909-48	s	IC SN74LS641-1N			
ND1 to ND20	8-719-907-51	s	DIODE GL-9H03D			
ND21 to ND26	9-994-758-01	s	DIODE LB-202YB			
Q1 to Q10	8-729-900-46	s	TRANSISTOR DTC143TF			
Q11 to Q34	8-729-205-95	s	TRANSISTOR 2SA1428-Y			
R1 to R10	1-249-441-11	s	RES, CARBON	100K	5%	1/4W
R11	1-249-410-11	s	RES, CARBON	270	5%	1/4W
R12	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
R13	1-249-410-11	s	RES, CARBON	270	5%	1/4W
R14	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
R15	1-249-410-11	s	RES, CARBON	270	5%	1/4W
R16	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
R17	1-249-410-11	s	RES, CARBON	270	5%	1/4W
R18	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
R19	1-249-410-11	s	RES, CARBON	270	5%	1/4W
R20	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
R21	1-249-410-11	s	RES, CARBON	270	5%	1/4W
R22	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
R23	1-249-410-11	s	RES, CARBON	270	5%	1/4W
R24	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W

Ref. No.	Parts No.	SP	Description			
R25	1-249-410-11	s	RES, CARBON	270	5%	1/4W
R26	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
R27	1-249-410-11	s	RES, CARBON	270	5%	1/4W
R28	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
R29	1-249-410-11	s	RES, CARBON	270	5%	1/4W
R30	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
R31	1-249-410-11	s	RES, CARBON	270	5%	1/4W
R32	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
R33	1-249-410-11	s	RES, CARBON	270	5%	1/4W
R34	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
R35	1-249-410-11	s	RES, CARBON	270	5%	1/4W
R36	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
R37	1 249-410-11	s	RES, CARBON	270	5%	1/4W
R38	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
R39	1-249-410-11	s	RES, CARBON	270	5%	1/4W
R40	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
R41	1-249-410-11	s	RES, CARBON	270	5%	1/4W
R42	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
R43	1-249-410-11	s	RES, CARBON	270	5%	1/4W
R44	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
R45	1-249-410-11	s	RES, CARBON	270	5%	1/4W
R46	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
R47	1-249-410-11	s	RES, CARBON	270	5%	1/4W
R48	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
R49	1-249-410-11	s	RES, CARBON	270	5%	1/4W
R50	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
R51	1-249-410-11	s	RES, CARBON	270	5%	1/4W
R52	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
R53	1-249-410-11	s	RES, CARBON	270	5%	1/4W
R54	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
R55	1-249-410-11	s	RES, CARBON	270	5%	1/4W
R56	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
R57	1-249-410-11	s	RES, CARBON	270	5%	1/4W
R58	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
R59 to R98	1-247-697-11	s	RES, CARBON	56	5%	1/4W
R99 to R108	1-247-792-11	s	RES, CARBON	24	5%	1/4W
RB1 to RB 10	1-235-195-00	s	RES BLOCK	10K×8		
SW1 to 3, 6 to12, 14 to18, 22 to 26, 28 to 34, 37 to 43	1-571-653-11	s	SWITCH, TACTIL (Up to Serial No. 10700)			
	1-571-653-21	s	SWITCH TACTIL (Serial No.10701 and higher)			

Ref. No.	Parts No.	SP	Description
SW4, 5, 13, 19 to 21, 27, 35, 36	1-571-656-11	s	SWITCH TACTIL (Up to Serial No.10700)
	1-571-656-21	s	SWITCH TACTIL (Serial No. 10701 and higher)
SW44	9-994-755-01	s	SWITCH, TACTIL
SW45	9-994-755-01	s	SWITCH, TACTIL
SW46	9-994-755-01	s	SWITCH, TACTIL
SW47	9-994-755-01	s	SWITCH, TACTIL
SW48	9-994-757-01	s	SWITCH, TACTIL
SW49	9-994-755-01	s	SWITCH, TACTIL
SW50	9-994-755-01	s	SWITCH, TACTIL
SW51	9-994-756-01	s	SWITCH, TACTIL
SW52	9-994-755-01	s	SWITCH, TACTIL
SW53	9-994-756-01	s	SWITCH, TACTIL

SPU-1 BOARD

Ref. No.	Parts No.	SP	Description			
-	A-7850-658-A	o	COMPLETE PCB, SPU-1			

(This assembly includes the following parts.)

Ref. No.	Parts No.	SP	Description			
-	3-703-486-00	s	SCREW +PTTWH 3×5			
-	3-714-634-01	o	LEVER, PC BOARD			
-	7-626-320-11	o	PIN, SPRING 3×8			
-	7-685-546-14	s	SCREW +BTP 3×8 TYPE2			
-	9-911-840-99	s	SPACER(A)			
C1	1-124-584-00	s	CAP, ELECT	100	20%	10V
C2	1-124-584-00	s	CAP, ELECT	100	20%	10V
C3	1-124-465-00	s	CAP, ELECT	0.47	20%	50V
C4	1-124-465-00	s	CAP, ELECT	0.47	20%	50V
C5 to C12	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C13	1-124-465-00	s	CAP, ELECT	0.47	20%	50V
C14	1-124-465-00	s	CAP, ELECT	0.47	20%	50V
C15	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C16	1-124-465-00	s	CAP, ELECT	0.47	20%	50V
C17	1-124-465-00	s	CAP, ELECT	0.47	20%	50V
C18	1-124-465-00	s	CAP, ELECT	0.47	20%	50V
C19	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C20	1-124-465-00	s	CAP, ELECT	0.47	20%	50V
C21	1-124-465-00	s	CAP, ELECT	0.47	20%	50V
C22	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C23	1-124-465-00	s	CAP, ELECT	0.47	20%	50V
C24	1-124-465-00	s	CAP, ELECT	0.47	20%	50V
C25	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C26	1-124-465-00	s	CAP, ELECT	0.47	20%	50V
C27	1-124-465-00	s	CAP, ELECT	0.47	20%	50V
C28	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C29	1-124-465-00	s	CAP, ELECT	0.47	20%	50V
C30	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C31	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C32	1-124-465-00	s	CAP, ELECT	0.47	20%	50V
C33	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C34	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C35	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C36	1-162-176-00	s	CAP, CERAMIC	1.5		25V
C37	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C38	1-162-176-00	s	CAP, CERAMIC	1.5		25V
C39	1-162-176-00	s	CAP, CERAMIC	1.5		25V
C40	1-131-347-00	s	CAP, TANT	1	10%	35V
C41 to C44	1-162-176-00	s	CAP, CERAMIC	1.5		25V
C45	1-131-347-00	s	CAP, TANT	1	10%	35V
C46 to C50	1-162-176-00	s	CAP, CERAMIC	1.5		25V
C51 to C54	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C55	1-131-347-00	s	CAP, TANT	1	10%	35V
C56	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C57	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C58 to C71	1-161-176-00	s	CAP, CERAMIC	1.5		25V
C72	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C73	1-131-347-00	s	CAP, TANT	1	10%	35V
C74	1-131-347-00	s	CAP, TANT	1	10%	35V
C75	1-131-347-00	s	CAP, TANT	1	10%	35V
C76	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C77 to C82	1-131-347-00	s	CAP, TANT	1	10%	35V
C83	1-161-176-00	s	CAP, CERAMIC	1.5		25V
C84	1-161-176-00	s	CAP, CERAMIC	1.5		25V
C85	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C86 to C91	1-131-347-00	s	CAP, TANT	1	10%	35V
C92 to C96	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C97 to C108	1-131-347-00	s	CAP, TANT	1	10%	35V
C109 to C130	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C131	1-162-176-00	s	CAP, CERAMIC	1.5		25V
C132	1-162-176-00	s	CAP, CERAMIC	1.5		25V
C133	1-136-165-00	s	CAP, FILM	0.1	5%	50V
C134	1-124-234-00	s	CAP, ELECT	22	20%	16V
C135	1-124-257-00	s	CAP, ELECT	2.2	20%	50V
C136	1-101-004-00	s	CAP, CERAMIC	0.01		50V
CN1	1-565-408-11	o	CONNECTOR, SOCKET 20P			
CN2	1-565-207-21	s	CONNECTOR, DIN (MALE) 128P			
CN3	1-565-207-21	s	CONNECTOR, DIN (MALE) 128P			
D1 to D13	8-719-812-41	s	DIODE TLR124			
D14	8-719-812-44	s	DIODE TLO124			
D15	8-719-812-44	s	DIODE TLO124			

Ref. No.	Parts No.	SP	Description
ICA2	8-759-239-47	s	IC TC74HC123AP
ICA3	8-759-921-08	s	IC SN74HC02AN
ICA4	8-759-921-08	s	IC SN74HC02AN
ICA5	8-759-921-08	s	IC SN74HC02AN
ICA7	8-759-239-47	s	IC TC74HC123AP
ICA9	8-759-921-08	s	IC SN74HC02AN
ICA11	8-759-916-71	s	IC SN74HC244AN
ICA12	8-759-916-71	s	IC SN74HC244AN
ICA13	8-759-202-91	s	IC TC74HC148P
ICB1	8-759-239-47	s	IC TC74HC123AP
ICB3	8-759-239-47	s	IC TC74HC123AP
ICB5	8-759-239-47	s	IC TC74HC123AP
ICB7	8-759-239-47	s	IC TC74HC123AP
ICB9	8-759-239-47	s	IC TC74HC123AP
ICB10	8-759-202-91	s	IC TC74HC148P
ICB11	8-759-239-47	s	IC TC74HC123AP
ICB12	8-759-916-25	s	IC SN74HC32AN
ICB13	8-759-916-55	s	IC SN74HC175AN
ICC1 to ICC12	8-759-109-81	s	IC UPD41464C-10
ICC13	8-759-916-18	s	IC SN74HC10AN
ICC14	8-759-916-12	s	IC SN74HC00AN
ICD3	8-759-944-77	s	IC DASH001G
ICD7	8-759-944-77	s	IC DASH001G
ICD11	8-759-944-77	s	IC DASH001G
ICD13	8-759-916-14	s	IC SN74HC04AN
ICD14	8-759-916-34	s	IC SN74HC85BN
ICE1 to ICE14	8-759-109-81	s	IC UPD41464C-10
ICF3	8-759-944-69	s	IC DASH002G
ICF7	8-759-944-69	s	IC DASH002G
ICF11	8-759-944-69	s	IC DASH002G
ICF13	8-759-109-81	s	IC UPD41464C-10
ICF14	8-759-917-53	s	IC 74F139PC
ICG13	8-759-944-73	s	IC DASH004P
ICG14	8-759-904-84	s	IC 74F74PC
ICH1	8-752-322-10	s	IC CXK5814P-45L
ICH3	8-759-987-69	s	IC DASH003BQ
ICH5	8-752-322-10	s	IC CXK5814P-45L
ICH7	8-759-987-69	s	IG DASH003BQ
ICH9	8-752-322-10	s	IC CXK5814P-45L
ICH11	8-759-987-69	s	IC DASH003BQ
ICJ13	8-759-917-52	s	IC74F138PC
ICJ14	8-759-906-66	s	IC 74F86PC
ICK1	8-752-322-10	s	IC CXK5814P-45L
ICK3	8-759-987-69	s	IC DASH003BQ
ICK5	8-752-322-10	s	IC CXK5814P-45L
ICK7	8-759-987-69	s	IC DASH003BQ
ICK9	8-752-322-10	s	IC CXK5814P-45L
ICK11	8-759-987-69	s	IC DASH003BQ
ICK13	8-759-915-41	s	IC 74F02PC
ICK14	8-759-904-79	s	IC 74F00PC
ICL2 to ICL13	8-759-948-60	s	IC DASH013P
ICL14	8-759-904-84	s	IC 74F74PC
ICM1	8-719-945-60	s	PC827
ICM2	8-759-908-35	s	IC TL7705CP
ICM4	8-759-938-93	s	IC 74F157APC
ICM8	8-759-938-93	s	IC 74F157APC
ICM12	8-759-938-93	s	IC 74F157APC
ICM13	8-759-904-80	s	IC 74F04PC
ICM14	8-759-904-80	s	IC 74F04PC
ICN2	8-759-916-71	s	IC SN74HC244AN
ICN3	8-759-916-71	s	IC SN74HC244AN
ICN4	8-759-200-43	s	IC TC40H244P
ICN5	8-759-200-43	s	IC TC40H244P
ICN6	8-759-916-71	s	IC SN74HC244AN
ICN7	8-759-916-71	s	IC SN74HC244AN
ICN8	8-759-916-71	s	IC SN74HC244AN
ICN9	8-759-917-72	s	IC 74F244PC
ICN10	8-759-916-65	s	IC SN74HC240AN
ICN11	8-759-917-72	s	IC 74F244PC
ICN12	8-759-917-72	s	IC 74F244PC
ICN13	8-759-904-77	s	IC AM26LS32AC
ICN14	8-759-904-77	s	IC AM26LS32AC
L1	1-409-339-00	s	COIL, SN
R1 to R14	1-249-413-11	s	RES, CARBON 470 5% 1/4W
R15	1-249-431-11	s	RES, CARBON 15K 5% 1/4W
R16	1-249-431-11	s	RES, CARBON 15K 5% 1/4W
R17	1-249-431-11	s	RES, CARBON 15K 5% 1/4W
R18	1-249-431-11	s	RES, CARBON 15K 5% 1/4W
R19	1-249-413-11	s	RES, CARBON 470 5% 1/4W
R20	1-249-431-11	s	RES, CARBON 15K 5% 1/4W
R21	1-249-431-11	s	RES, CARBON 15K 5% 1/4W
R22	1-249-431-11	s	RES, CARBON 15K 5% 1/4W
R23	1-249-435-11	s	RES, CARBON 33K 5% 1/4W
R24	1-249-431-11	s	RES, CARBON 15K 5% 1/4W
R25	1-249-431-11	s	RES, CARBON 15K 5% 1/4W
R26	1-249-431-11	s	RES, CARBON 15K 5% 1/4W
R27	1-249-431-11	s	RES, CARBON 15K 5% 1/4W
R28	1-249-431-11	s	RES, CARBON 15K 5% 1/4W
R29	1-249-435-11	s	RES, CARBON 33K 5% 1/4W
R30	1-249-435-11	s	RES, CARBON 33K 5% 1/4W
R31 to R 35	1-249-441-11	s	RES, CARBON 100K 5% 1/4W
R36	1-249-415-11	s	RES, CARBON 680 5% 1/4W
R37	1-249-417-11	s	RES, CARBON 1K 5% 1/4W

Ref. No.	Parts No.	SP	Description
R38	1-249-415-11	s	RES, CARBON 680 5% 1/4W
R39	1-249-417-11	s	RES, CARBON 1K 5% 1/4W
R40	1-249-425-11	s	RES, CARBON 4.7K 5% 1/4W
R41	1-249-417-11	s	RES, CARBON 1K 5% 1/4W
R42	1-249-415-11	s	RES, CARBON 680 5% 1/4W
R43	1-249-413-11	s	RES, CARBON 470 5% 1/4W
R44	1-249-413-11	s	RES, CARBON 470 5% 1/4W
RB1	1-231-410-00	s	RES BLOCK 10K
RB2	1-231-533-00	s	RES BLOCK 10K×4
RB3	1-231-533-00	s	RES BLOCK 10K×4
RB4 to RB11	1-231-410-00	s	RES BLOCK 10K
RB12 to RB15	1-235-005-00	s	RES BLOCK 47K
RB16 to RB19	1-231-410-00	s	RES BLOCK 10K
RB20	1-231-533-00	s	RES BLOCK 10K×4
SW1	1-571-633-11	s	SWITCH, ROTARY
SW2	1-570-598-11	s	SWITCH, DIP

SW-297 BOARD

Ref. No.	Parts No.	SP	Description
-	1-627-132-11	o	PC BOARD, SW-297
CN832	1-506-471-11	s	PIN, CONNECTOR 6P
CN833	1-506-467-11	s	PIN, CONNECTOR 2P
SW3	1-571-634-21	s	SWITCH, ROTARY

SW-298 BOARD

Ref. No.	Parts No.	SP	Description
-	1-627-133-11	o	PC BOARD, SW-298
CN843	1-506-471-11	s	PIN, CONNECTOR 6P
SW4	9-994-766-01	s	SWITCH, ROTARY

SW-311 BOARD

Ref. No.	Parts No.	SP	Description
-	1-627-104-11	o	PC BOARD, SW-311
CN282	1-506-467-11	o	PIN, CONNECTOR 2P
SW1	1-571-167-11	s	SWITCH , TACTIL

SY-128/128A BOARD

Ref. No.	Parts No.	SP	Description
-	A-7850-685-A	o	COMPLETE PCB, SY-128 (Up to Serial No. 12803)
-	A-7850-904-A	o	COMPLETE PCB, SY-128A (Serial No. 20001 and higher)

(These assemblies include the following parts.)

Ref. No.	Parts No.	SP	Description
-	1-535-619-11	o	BRACKET, TERMINAL
-	7-682-647-09	s	SCREW +PS 3×6
C1 to C6	1-101-004-00	s	CAP, CERAMIC 0.01 50V
C7	1-124-584-00	s	CAP, ELECT 100 20% 10V
C8 to C11	1-101-004-00	s	CAP, CERAMIC 0.01 50V
C12	1-125-447-11	s	CAP, DOUBLE LAYERS 1F 5.5V
C13	1-101-004-00	s	CAP, CERAMIC 0.01 50V
C14	1-101-004-00	s	CAP, CERAMIC 0.01 50V
C15	1-124-584-00	s	CAP, ELECT 100 20% 10V
C16 to C32	1-101-004-00	s	CAP, CERAMIC 0.01 50V
C33	1-124-584-00	s	CAP, ELECT 100 20% 10V
C34	1-124-584-00	s	CAP, ELECT 100 20% 10V
C35 to C49	1-101-004-00	s	CAP, CERAMIC 0.01 50V
C50	1-124-584-00	s	CAP, ELECT 100 20% 10V
C51 to C63	1-101-004-00	s	CAP, CERAMIC 0.01 50V
C64 to C71	1-102-963-00	s	CAP, CERAMIC 33P 5% 50V
C72 to C77	1-101-004-00	s	CAP, CERAMIC 0.01 50V
C78	1-124-584-00	s	CAP, ELECT 100 20% 10V
C79	1-101-004-00	s	CAP, CERAMIC 0.01 50V
C80	1-101-004-00	s	CAP, CERAMIC 0.01 50V
C81 to C88	1-102-963-00	s	CAP, CERAMIC 33P 5% 50V
C89	1-101-004-00	s	CAP, CERAMIC 0.01 50V
C90	1-124-584-00	s	CAP, ELECT 100 20% 10V
C91 to C116	1-101-004-00	s	CAP, CERAMIC 0.01 50V
C117	1-102-959-00	s	CAP, CERAMIC 22P 5% 50V
C118	1-102-959-00	s	CAP, CERAMIC 22P 5% 50V
C119 to C126	1-101-004-00	s	CAP, CERAMIC 0.01 50V
C127	1-124-584-00	s	CAP ELECT 100 20% 10V
C128	1-101-004-00	s	CAP, CERAMIC 0.01 50V
C129	1-101-004-00	s	CAP, CERAMIC 0.01 50V
C130	1-124-257-00	s	CAP, ELECT 2.2 20% 50V
C131	1-125-447-11	s	CAP, DOUBLE LAYERS 1F 5.5V
CN800	1-565-697-11	o	HEADDER, PIN (WITH LEVER) 50P
CN801	1-565-697-11	o	HEADDER, PIN (WITH LEVER) 50P
CN802	1-565-696-11	o	HEADDER, PIN (WITH LEVER) 26P
CN803	1-564-607-11	o	PIN, CONNECTOR 6P
CN804	1-564-607-11	o	PIN, CONNECTOR 6P
D1	8-719-981-01	s	DIODE ERA81-004
D2	8-719-981-01	s	DIODE ERA81-004
D3	8-719-981-01	s	DIODE ERA81-004
D4	8-719-911-19	s	DIODE 1SS119
D5 to D12	8-719-812-41	s	DIODE TLR124
IC101	8-759-107-46	s	IC UPA64HA
IC102	8-759-107-45	s	IC UPA54HA
IC103	8-759-107-46	s	IC UPA64HA
IC104	8-759-107-45	s	IC UPA54HA
IC105	8-759-107-46	s	IC UPA64HA

Ref. No.	Parts No.	SP	Description
IC106	8-759-107-45	s	IC UPA54HA
ICA1	8-759-202-56	s	IC TC74HC245P (Up to Serial No.10300)
	8-759-921-34	s	IC SN74HC245AN (Serial No.10301 and higher)
ICA2	8-759-105-76	s	IC CXQ71059C
ICA4	8-759-105-76	s	IC CXQ71059C
ICA5	8-752-337-46	s	IC CXK58257AP-10L
ICA6	8-759-913-42	s	IC PST520C-2 (Up to Serial No.12803)
ICA6	8-759-047-69	s	IC 27C512-SY-A6-V2.0 (Serial No.20001 to 20500)
	8-759-098-83	s	IC 27C512-SY-A6-V2.10 (Serial No.20501 and higher)
ICA8	8-759-737-40	s	IC 27C512-SY-A8-V1.3 (Up to Serial No.12803)
ICA8	8-759-047-70	s	IC 27C512-SY-A10-V2.0 (Serial No.20001 to 20500)
	8-759-098-91	s	IC 27C512-SY-A8-V2.10 (Serial No.20501 and higher)
ICB1	8-759-917-06	s	IC SN74HC574AN
ICC1	8-759-916-57	s	IC SN74HC191N
ICC2	8-759-916-57	s	IC SN74HC191N
ICC3	8-759-917-06	s	IC SN74HC574AN
ICC4	8-759-917-06	s	IC SN74HC574AN
ICC5	8-752-337-46	s	IC CXK58257AP-10L
ICC7	8-759-900-03	s	IC SN74LS03N
ICC8	8-759-047-71	s	IC 27C512-SY-C8-V2.0 (Serial No.20001 to 20500)
	8-759-098-92	s	IC 27C512-SY-C8-V2.10 (Serial No.20501 and higher)
ICC10	8-759-737-42	s	IC 27C512-SY-C10-V1.3 (Up to Serial No.12803)
ICC10	8-759-047-72	s	IC 27C512-SY-C8-V2.0 (Serial No.20001 to 20500)
	8-759-098-93	s	IC 27C512-SY-C10-V2.10 (Serial No.20501 and higher)
ICD1	8-759-916-57	s	IC SN74HC191N
ICD2	8-759-916-57	s	IC SN74HC191N
ICD3	8-759-917-06	s	IC SN74HC574AN
ICD4	8-759-917-06	s	IC SN74HC574AN
ICD5	8-752-806-91		IC CXQ71054P
ICD7	8-759-921-34	s	IC SN74HC245AN
ICD8	8-759-921-34	s	IC SN74HC245AN
ICD9	8-759-921-50	s	IC SN74HC573BN
ICD10	8-759-921-50	s	IC SN74HC573BN
ICE1	8-759-916-57	s	IC SN74HC191N
ICE2	8-759-916-57	s	IC SN74HC191N
ICE3	8-759-917-06	s	IC SN74HC574AN
ICE4	8-759-917-06	s	IC SN74HC574AN
ICE5	8-759-004-72	s	IC MC74HC259N

Ref. No.	Parts No.	SP	Description
ICE6	8-759-921-08	s	IC SN74HC02AN
ICE7	8-759-917-43	s	IC SN74HC138AN
ICE8	8-759-917-43	s	IC SN74HC138AN
ICE9	8-759-916-14	s	IC SN74HC04AN
ICE10	8-759-942-38	s	IC SN75ALS192N
ICF2	8-759-916-29	s	IC SN74HC74N
ICF3	8-759-916-46	s	IC SN74HC139AN
ICF7	8-759-916-18	s	IC SN74HC10AN
ICF8	8-759-916-16	s	IC SN74HC08AN
ICF9	8-759-916-25	s	IC SN74HC32AN
ICF10	8-759-916-14	s	IC SN74HC04AN
ICG4	8-759-501-14	s	IC SN75160BN
ICG6	8-759-905-04	s	IC TMS9914ANL
ICG7	8-759-916-24	s	IC SN74HC30AN
ICG8	8-759-916-25	s	IC SN74HC32AN
ICG9	8-759-916-14	s	IC SN74HC04AN
ICG10	8-759-917-05	s	IC SN74HC541AN
ICH4	8-759-501-15	s	IC SN75161BN
ICH7	8-759-917-43	s	IC SN74HC138AN
ICH8	8-759-916-14	s	IC SN74HC04AN
ICH9	8-759-917-43	s	IC SN74HC138AN
ICJ4	8-759-921-19	s	IC SN74HC161AN
ICJ5	8-759-916-14	s	IC SN74HC04AN
ICJ6	8-759-916-15	s	IC SN74HC05N
ICJ8	8-759-916-40	s	IC SN74HC125AN
ICJ9	8-759-917-05	s	IC SN74HC541AN
ICJ10	8-759-917-05	s	IC SN74HC541AN
ICK2	8-752-800-48	s	IC CXQ70116P-8
ICK3	8-759-916-35	s	IC SN74HC107AN
ICK4	8-759-916-18	s	IC SN74HC10AN
ICK5	8-759-916-29	s	IC SN74HC74N
ICK6	8-759-916-14	s	IC SN74HC04AN
ICK7	8-759-916-25	s	IC SN74HC32AN
ICK8	8-759-916-25	s	IC SN74HC32AN
ICK9	8-759-921-34	s	IC SN74HC245AN
ICK10	8-759-921-34	s	IC SN74HC245AN
ICL4	8-759-107-56	s	IC CXQ71011P
ICL5	8-759-916-16	s	IC SN74HC08AN
ICL6	8-759-916-20	s	IC SN74HC14N
ICL7 to ICL10	8-759-921-50	s	IC SN74HC573BN
JP1	1-566-388-11	s	PIN, CONNECTOR 8P
JP2	1-566-388-11	s	PIN, CONNECTOR 8P
JP3	1-566-388-11	s	PIN, CONNECTOR 8P
R1	1-249-433-11	s	RES, CARBON 22K 5% 1/4W
R2	1-249-483-11	s	RES, CARBON 5.6 5% 1/2W
R3 to R10	1-249-393-11	s	RES, CARBON 10 5% 1/4W
R11	1-249-429-11	s	RES, CARBON 10K 5% 1/4W
R12 to R19	1-249-393-11	s	RES, CARBON 10 5% 1/4W

Ref. No.	Parts No.	SP	Description
R20	1-249-441-11	s	RES, CARBON 100K 5% 1/4W
R21	1-249-409-11	s	RES, CARBON 220 5% 1/4W
R22	1-249-417-11	s	RES, CARBON 1K 5% 1/4W
R23	1-249-429-11	s	RES, CARBON 10K 5% 1/4W
R24	1-249-429-11	s	RES, CARBON 10K 5% 1/4W
R25	1-249-406-11	s	RES ,CARBON 120 5% 1/4W
R26	1-249-406-11	s	RES, CARBON 120 5% 1/4W
R27 to R30	1-249-404-00	s	RES, CARBON 82 5% 1/4W
R31	1-249-405-11	s	RES, CARBON 100 5% 1/4W
R32	1-249-405-11	s	RES, CARBON 100 5% 1/4W
R33	1-249-404-00	s	RES, CARBON 82 5% 1/4W
R34	1-249-404-00	s	RES, CARBON 82 5% 1/4W
R35	1-249-403-11	s	RES, CARBON 62 5% 1/4W
R36	1-249-403-11	s	RES, CARBON 68 5% 1/4W
R37 to R44	1-249-402-11	s	RES, CARBON 56 5% 1/4W
R45	1-249-429-11	s	RES, CARBON 10K 5% 1/4W
R46	1-249-429-11	s	RES, CARBON 10K 5% 1/4W
RB1	1-231-533-00	s	RES BLOCK 10K×4
RB4	1-235-194-00	s	RES BLOCK 4.7K×8
RB7 to RB10	1-235-194-00	s	RES BLOCK 4.7K×8
RB11	1-235-195-00	s	RES BLOCK 10K×8
X1	1-577-076-11	s	VIBRATOR, CRYSTAL

TC-50 BOARD

Ref. No.	Parts No.	SP	Description
-	A-7850-668-A	o	COMPLETE PCB, TC-50

(This assembly includes the following parts.)

Ref. No.	Parts No.	SP	Description
-	2-355-254-01	s	SPACER (A), LCD
-	3-714-634-11	o	LEVER, PC BOAD
-	4-812-134-00	s	RIVET NYLON, 3.5
-	7-626-320-11	o	PIN, SPRING 3×8
-	7-682-546-04	s	SCREW, +B 3×5
-	7-685-546-14	s	SCREW, +BTP 3×5
-	9-911-840-99	s	SPACER (A)
C1 to C9	1-101-004-00	s	CAP, CERAMIC 0.01 50V
C10	1-102-963-00	s	CAP, CERAMIC 33P 5% 50V
C11	1-102-963-00	s	CAP, CERAMIC 33P 5% 50V
C12 to C14	1-102-074-00	s	CAP, CERAMIC 0.001 10% 50V
C15	1-130-497-00	s	CAP, MYLAR 0.15 5% 50V
C16	1-124-499-11	s	CAP, ELECT 1 20% 50V
C17	1-124-927-11	s	CAP, ELECT 4.7 20% 50V
C18	1-130-471-00	s	CAP, MYLAR 0.001 5% 50V
C19	1-102-074-00	s	CAP, CERAMIC 0.001 10% 50V
C20	1-162-179-11	s	CAP, CERAMIC 0.1 50V
C21	1-162-179-11	s	CAP, CERAMIC 0.1 50V
C22	1-136-177-01	s	CAP, FILM 1 5% 50V
C23	1-162-179-11	s	CAP, CERAMIC 0.1 50V
C24	1-162-179-11	s	CAP, CERAMIC 0.1 50V
C25	1-101-004-00	s	CAP, CERAMIC 0.01 50V
C26	1-130-495-00	s	CAP, MYLAR 0.1 50V
C27	1-162-179-11	s	CAP, CERAMIC 0.1 50V
C28	1-162-179-11	s	CAP, CERAMIC 0.1 50V
C29	1-130-491-00	s	CAP, MYLAR 0.047 5% 50V
C30	1-130-491-00	s	CAP, MYLAR 0.047 5% 50V
C31	1-124-443-00	s	CAP, ELECT 100 20% 10V
C32	1-162-179-11	s	CAP, CERAMIC 0.1 50V
C33	1-124-443-00	s	CAP, ELECT 100 20% 10V
C34	1-162-179-11	s	CAP, CERAMIC 0.1 50V
C35	1-162-179-11	s	CAP, CERAMIC 0.1 50V
C36	1-124-963-11	s	CAP, ELECT 33 20% 16V
C37	1-162-179-11	s	CAP, CERAMIC 0.1 50V
C38	1-162-179-11	s	CAP, CERAMIC 0.1 50V
C39	1-162-179-11	s	CAP, CERAMIC 0.1 50V
C40	1-124-963-11	s	CAP, ELECT 33 20% 16V
C41	1-162-179-11	s	CAP, CERAMIC 0.1 50V
C42	1-162-179-11	s	CAP, CERAMIC 0.1 50V
C43	1-124-477-11	s	CAP, ELECT 47 20% 25V
C44	1-162-179-11	s	CAP, CERAMIC 0.1 50V
C45	1-124-477-11	s	CAP, ELECT 47 20% 25V
C46	1-162-179-11	s	CAP, CERAMIC 0.1 50V
C47	1-124-477-11	s	CAP, ELECT 47 20% 25V
C48	1-162-179-11	s	CAP, CERAMIC 0.1 50V
C49	1-124-477-11	s	CAP, ELECT 47 20% 25V
C50	1-162-179-11	s	CAP, CERAMIC 0.1 50V
C51	1-162-179-11	s	CAP, CERAMIC 0.1 50V
C52	1-162-179-11	s	CAP, CERAMIC 0.1 50V
C53	1-162-179-11	s	CAP, CERAMIC 0.1 50V
C54	1-130-481-00	s	CAP, MYLAR 0.0068 5% 50V
C55	1-162-179-11	s	CAP, CERAMIC 0.1 50V
C56	1-162-179-11	s	CAP, CERAMIC 0.1 50V
C57	1-130-493-00	s	CAP, MYLAR 0.068 5% 50V
C58	1-162-179-11	s	CAP, CERAMIC 0.1 50V
C59	1-162-179-11	s	CAP, CERAMIC 0.1 50V
C60	1-130-493-00	s	CAP, MYLAR 0.068 5% 50V
C61	1-162-179-11	s	CAP, CERAMIC 0.1 50V
C62	1-162-179-11	s	CAP, CERAMIC 0.1 50V
C63	1-124-477-11	s	CAP, ELECT 47 20% 25V
C64	1-124-477-11	s	CAP, ELECT 47 20% 25V
C65	1-162-179-11	s	CAP, CERAMIC 0.1 50V
C66	1-130-480-00	s	CAP, MYLAR 0.0056 5% 50V
C67	1-130-480-00	s	CAP, MYLAR 0.0056 5% 50V
C68	1-162-179-11	s	CAP, CERAMIC 0.1 50V
C69	1-124-477-11	s	CAP, ELECT 47 20% 25V
C70	1-124-963-11	s	CAP, ELECT 33 20% 16V
C71	1-102-963-00	s	CAP, CERAMIC 33P 5% 50V
C72	1-124-963-11	s	CAP, ELECT 33 20% 16V
C73	1-136-177-00	s	CAP, FILM 1 5% 50V
C74	1-124-963-11	s	CAP, ELECT 33 20% 16V
C75	1-124-963-11	s	CAP, ELECT 33 20% 16V
C76	1-102-110-00	s	CAP, CERAMIC 220P 10% 50V
C77	1-124-963-11	s	CAP, ELECT 33 20% 16V
C78	1-124-963-11	s	CAP, ELECT 33 20% 16V
C79	1-102-110-00	s	CAP, CERAMIC 220P 10% 50V
C80	1-136-177-00	s	CAP, FILM 1 5% 50V

Ref No.	Parts No.	SP	Description			
C81	1-136-177-00	s	CAP, FILM	1	5%	50V
C82	1-124-963-11	s	CAP, ELECT	33	20%	16V
C83	1-124-963-11	s	CAP, ELECT	33	20%	16V
C84	1-124-477-11	s	CAP, ELECT	47	20%	25V
C85	1-124-477-11	s	CAP, ELECT	47	20%	25V
C86	1-102-963-00	s	CAP, CERAMIC	33P	5%	50V
C87	1-124-477-11	s	CAP, ELECT	47	20%	25V
C88	1-102-106-00	s	CAP, CERAMIC	100P	10%	50V
C89	1-130-499-00	s	CAP, MYLAR	0.22	5%	50V
C90	1-124-963-11	s	CAP, ELECT	33	20%	16V
C91	1-124-963-11	s	CAP, ELECT	33	20%	16V
C92	1-102-963-00	s	CAP, CERAMIC	33P	5%	50V
C93	1-102-963-00	s	CAP, CERAMIC	33P	5%	50V
C94	1-102-963-00	s	CAP, CERAMIC	33P	5%	50V
C95	1-102-963-00	s	CAP, CERAMIC	33P	5%	50V
C98	1-124-963-11	s	CAP, ELECT	33	20%	16V
C99	1-124-963-11	s	CAP, ELECT	33	20%	16V
C100	1-102-074-00	s	CAP, CERAMIC	0.001	10%	50V
C101	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C102	1-102-816-00	s	CAP, CERAMIC	120P		50V
C103	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C110	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C111	1-162-179-11	s	CAP, CERAMIC	0.1		50V
C201 to C339	1-101-004-00	s	CAP, CERAMIC	0.01		50V
CN1	1-565-207-21	s	CONNECTOR, DIN(MAIL)128P			
CN2	1-565-207-21	s	CONNECTOR, DIN(MAIL)128P			
D1 to D5	8-719-812-43	s	DIODE TLG124A			
D6	8-719-812-44	s	DIODE TLO124			
D7	8-719-109-85	s	DIODE RD5.1ES-B2			
D8 to D10	8-719-800-30	s	DIODE 1SS227			
D11	8-719-200-02	s	DIODE 10E 2			
D12	8-719-200-02	s	DIODE 10E-2			
D13	8-719-101-97	s	DIODE 1SS97-1			
D14	8-719-101-97	s	DIODE 1SS97-1			
D15	8-719-109-85	s	DIODE RD5.1ES-B2			
D16	8-719-101-97	s	DIODE 1SS97-1			
D17	8-719-101-97	s	DIODE 1SS97-1			
D18 to D24	8-719-911-19	s	DIODE 1SS119			
D25 to D27	8-719-800-30	s	DIODE 15S227			
D28	8-719-107-46	s	DIODE UPA64HC			
D29	8-719-107-45	s	DIODE UPA54HC			
D30	8-719-908-06	s	DIODE ERA81-005			
D31	8-719-908-06	s	DIODE ERA81-005			
D32	8-719-911-19	s	DIODE 1SS119			
IC1	8-759-107-52	s	IC CXQ71054P			
ICA2	8-759-916-15	s	IC SN74HC05N			
ICA4	8-759-909-72	s	IC CX-7912A			
ICA5	8-759-203-01	s	IC TC74HC175P			
ICA7	8-759-909-72	s	IC CX-7912A			

Ref No.	Parts No.	SP	Description
ICA8	8-759-203-01	s	IC TC74HC175P
ICA9	8-759-202-14	s	IC TC74HC08P
ICA10	8-759-202-91	s	IC TC74HC148P
ICA11	8-759-202-30	s	IC TC74HC161P
ICA12	8-759-202-74	s	IC TC74HC04P
ICA13	8-759-203-50	s	IC TC74HC574P
ICA14	8-759-203-50	s	IC TC74HC574P
ICB3	8-759-901-89	s	IC SN74LS189AN
ICB4	8-759-000-99	s	IC MC74HC74N
ICB5	8-759-202-74	s	IC TC74HC04P
ICB6	8-759-901-89	s	IC SN74LS189AN
ICB7	8-759-000-99	s	IC MC74HC74N
ICB8	8-759-202-74	s	IC TC74HC04P
ICB9	8-759-901-89	s	IC SN74LS189AN
ICB10	8-759-202-27	s	IC TC74HC157P
ICB11	8-759-202-30	s	IC TC74HC161P
ICB12	8-759-202-30	s	IC TC74HC161P
ICB14	8-759-785-54	s	IC 27C512TC-B14V1
ICC3	8-759-007-10	s	IC MC74HC541N
ICC4	8-759-202-14	s	IC TC74HC08P
ICC6	8-759-007-10	s	IC MC74HC541N
ICC7	8-759-203-33	s	IC TC74HC367P
ICC8	8-759-202-27	s	IC TC74HC157P
ICC9	8-759-202-27	s	IC TC74HC157P
ICC10	8-759-208-01	s	IC TC4029BPHB
ICC11	8-759-202-27	s	IC TC74HC157P
ICC12	8-759-202-30	s	IC TC74HC161P
ICD4	8-759-000-99	s	IC MC74HC74N
ICD5	8-759-202-30	s	IC TC74HC161P
ICD6	8-759-202-21	s	IC TC74HC32P
ICD7	8-759-000-99	s	IC MC74HC74N
ICD8	8-759-903-23	s	IC SN74LS323N
ICD9	8-759-202-11	s	IC TC74HC00P
ICD10	8-759-208-01	s	IC TC4029BPHB
ICD11	8-759-202-74	s	IC TC74HC04P
ICD12	8-759-000-99	s	IC MC74HC74N
ICD13	8-759-203-50	s	IC TC74HC574P
ICD14	8-759-203-50	s	IC TC74HC574P
ICD50	8-759-202-30	s	IC TC74HC161P
ICE4	8-759-202-21	s	IC TC74HC32P
ICE5	8-759-239-47	s	IC TC74HC123AP
ICE6	8-759-202-74	s	IC TC74HC04P
ICE7	8-759-202-24	s	IC TC74HC86P
ICE8	8-759-202-27	s	IC TC74HC157P
ICE9	8-759-202-21	s	IC TC74HC32P
ICE10	8-759-202-30	s	IC TC74HC161P
ICE11	8-759-000-99	s	IC MC74HC74N
ICE12	8-759-202-12	s	IC TC74HC02P
ICE13	8-759-906-76	s	IC 74F283PC

Ref No.	Parts No.	SP	Description
ICE14	8-759-906-76	s	IC 74F283PC
ICF3	8-759-239-47	s	IC TC74HC123AP
ICF4 to ICF7	8-759-000-99	s	IC MC74HC74N
ICF8	8-759-202-74	s	IC TC74HC04P
ICF9	8-759-001-42	s	IC MC74HC174N
ICF10 to ICF12	8-759-000-99	s	IC MC74HC74N
ICF13	8-759-906-76	s	IC 74F283PC
ICF14	8-759-906-76	s	IC 74F283PC
ICG3	8-759-202-14	s	IC TC74HC08P
ICG4	8-759-340-46	s	IC HD14046BP
ICG5	8-759-202-92	s	IC TC74HC151P
ICG6	8-759-000-99	s	IC MC74HC74N
ICG7	8-759-000-99	s	IC MC74HC74N
ICG9	8-759-202-24	s	IC TC74HC86P
ICG8	8-759-239-47	s	IC TC74HC123AP
ICG10	8-759-202-92	s	IC TC74HC151P
ICG11	8-759-202-92	s	IC TC74HC151P
ICG12	8-759-202-92	s	IC TC74HC151P
ICG13	8-759-515-11	s	IC SN74ALS574BN
ICG14	8-759-515-11	s	IC SN74ALS574BN
ICG50	8-759-202-92	s	IC TC74HC151P
ICH1	8-759-805-91	s	IC CXQ71054P
ICH3	8-759-202-30	s	IC TC74HC161P
ICH4	1-567-794-11	s	OSCILLATOR, CRYSTAL
ICH6	8-759-909-16	s	IC CX-7907A
ICH7	8-759-202-92	s	IC TC74HC151P
ICH8	8-759-785-53	s	IC 24S10NTC-H08V1
ICH9	8-759-202-30	s	IC TC74HC161P
ICH10	8-759-112-25	s	IC UPD4361C-45
ICH11	8-759-202-30	s	IC TC74HC161P
ICH12	8-759-202-30	s	IC TC74HC161P
ICH13	8-759-112-25	s	IC UPD4361C-45
ICH14	8-759-202-30	s	IC TC74HC161P
ICJ3	8-759-202-12	s	IC TC74HC02P
ICJ4	8-759-202-21	s	IC TC74HC32P
ICJ5	8-759-202-74	s	IC TC74HC04P
ICJ6	8-759-202-14	s	IC TC74HC08P
ICJ7	8-759-202-93	s	IC TC74HC153P
ICJ8	8-759-202-77	s	IC TC74HC42P
ICJ9	8-759-202-30	s	IC TC74HC161P
ICJ11	8-759-202-30	s	IC TC74HC161P
ICJ12	8-759-202-30	s	IC TC74HC161P
ICJ14	8-759-202-30	s	IC TC74HC161P
ICK1	8-759-107-53	s	IC CXQ71055P
ICK3	8-759-203-34	s	IC TC74HC368P
ICK4	8-759-901-89	s	IC SN74LS189AN
ICK5	8-759-901-89	s	IC SN74LS189AN
ICK6	8-759-203-33	s	IC TC74HC367P

Ref No.	Parts No.	SP	Description
ICK7	8-759-202-92	s	IC TC74HC151P
ICK8	8-759-202-91	s	IC TC74HC148P
ICK9	8-759-202-27	s	IC TC74HC157P
ICK10	8-759-203-01	s	IC TC74HC175P
ICK11	8-759-203-52	s	IC TC74HC595P
ICK12	8-759-203-52	s	IC TC74HC595P
ICK13	8-759-900-00	s	IC SN74LS00N
ICK14	8-759-202-74	s	IC TC74HC04P
ICL4	8-759-007-10	s	IC MC74HC541N
ICL5	8-759-007-10	s	IC MC74HC541N
ICL6	8-759-000-99	s	IC MC74HC74N
ICL7	8-759-131-11	s	IC UPC311C
ICL8	8-759-007-21	s	IC MC74HC4053N
ICL9	8-759-007-20	s	IC MC74HC4052N
ICL10	8-759-007-20	s	IC MC74HC4052N
ICL11	8-759-007-10	s	IC MC74HC541N
ICL12	8-759-203-52	s	IC TC74HC595P
ICL13	8-759-932-23	s	IC TLC272CP
ICL14	8-759-906-24	s	IC SN74LS624N
ICM1	8-759-107-53	s	IC CXQ71055P
ICM2	8-759-107-53	s	IC CXQ71055P
ICM6	8-759-202-74	s	IC TC74HC04P
ICM8	8-759-990-82	s	IC TL082CP
ICM10	8-759-982-03	s	IC RC5532DD
ICM12	8-759-202-27	s	IC TC74HC157P
ICM13	8-752-306-51	s	IC CX23065A
ICM14	8-759-202-30	s	IC TC74HC161P
ICN4	8-759-202-21	s	IC TC74HC32P
ICN5	8-759-982-44	s	IC RC79L05A
ICN6	8-759-982-21	s	IC RC78L05A
ICN8	8-759-990-82	s	IC TL082CP
ICN9	8-759-131-11	s	IC UPC311C
ICN11	8-759-990-82	s	IC TL082CP
ICN12	8-759-133-90	s	IC UPC399C
ICN13	8-759-201-29	s	IC TC9122P
ICN14	8-759-201-29	s	IC TC9122P
ICP2	8-759-202-26	s	IC TC74HC138P
ICP3	8-759-202-16	s	IC TC74HC11P
ICP4	8-759-007-10	s	IC MC74HC541N
ICP5	8-759-700-06	s	IC NJM7812B
ICP6	8-759-179-12	s	IC UPC7912H
ICP8	8-759-990-82	s	IC TL082CP
ICP9	8-759-990-82	s	IC TL082CP
ICP11	8-759-904-76	s	IC AM26LS31CN
ICP12	8-759-202-12	s	IC TC74HC02P
ICP13	8-759-989-51	s	IC SN74ALS168BN
ICP14	8-759-202-30	s	IC TC74HC161P
ICQ2	8-759-007-10	s	IC MC74HC541N
ICQ3	8-759-202-56	s	IC TC74HC245P
ICQ4	8-759-007-10	s	IC MC74HC541N
ICQ8	8-759-109-82	s	IC UPC814C
ICQ9	8-759-990-82	s	IC TL082CP

Ref No.	Parts No.	SP	Description			
ICQ12	8-759-203-90	s	IC TD62504P			
ICQ13	8-759-900-69	s	IC SN74ALS74AN			
ICQ14	8-759-904-77	s	IC AM26LS32AC			
L1	1-408-417-00	s	MICRO INDUCTOR			
L2	1-408-417-00	s	MICRO INDUCTOR			
L3	1-408-417-00	s	MICRO INDUCTOR			
L4	1-409-339-00	s	COIL, SN			
L5	1-409-339-00	s	COIL, SN			
L6	1-409-339-00	s	COIL, SN			
R1 to R5	1-249-411-11	s	RES, CARBON	330	5%	1/4W
R6	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R7	1-249-411-11	s	RES, CARBON	330	5%	1/4W
R8	1-247-903-00	s	RES, CARBON	1M	5%	1/4W
R9 to R12	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R13 to R15	1-249-43911	s	RES, CARBON	68K	5%	1/4W
R16	1-247-895-00	s	RES, CARBON	470K	5%	1/4W
R17	1-249-435-11	s	RES, CARBON	33K	5%	1/4W
R18	1-249-437-11	s	RES, CARBON	47K	5%	1/4W
R19	1-249-439-11	s	RES, CARBON	68K	5%	1/4W
R20	1-249-421-11	s	RES, CARBON	2.2K	5%	1/4W
R21	1-249-419-11	s	RES, CARBON	470	5%	1/4W
R22	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R23	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R24	1-249-441-11	s	RES, CARBON	100K	5%	1/4W
R25	1-249-422-11	s	RES, CARBON	2.7K	5%	1/4W
R26	1-249-421-11	s	RES, CARBON	2.2K	5%	1/4W
R27	1-247-887-00	s	RES, CARBON	220K	5%	1/4W
R28	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R29	1-249-421-11	s	RES, CARBON	2.2K	5%	1/4W
R30	1-249-411-11	s	RES, CARBON	330	5%	1/4W
R31	1-249-411-11	s	RES, CARBON	330	5%	1/4W
R32	1-249-393-11	s	RES, CARBON	10	5%	1/4W
R33	1-247-895-00	s	RES, CARBON	470K	5%	1/4W
R34	1-247-895-00	s	RES, CARBON	470K	5%	1/4W
R35	1-249-393-11	s	RES, CARBON	10	5%	1/4W
R36	1-247-895-00	s	RES, CARBON	470K	5%	1/4W
R37	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R38	1-249-421-11	s	RES, CARBON	2.2K	5%	1/4W
R39	1-249-413-11	s	RES, CARBON	470	5%	1/4W
R40	1-249-421-11	s	RES, CARBON	2.2K	5%	1/4W
R41	1-247-903-00	s	RES, CARBON	1M	5%	1/4W
R42	1-215-428-00	s	RES, METAL	2K	1%	1/6W
R43	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R44	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R45	1-247-903-00	s	RES, CARBON	1M	5%	1/4W
R46	1-249-429-11	s	RES, CARBON	10K	5%	1I4W

Ref No.	Parts No.	SP	Description			
R47	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R48	1-247-903-00	s	RES, CARBON	1M	5%	1/4W
R50	1-249-441-11	s	RES, CARBON	100K	5%	1/4W
R51	1-249-430-11	s	RES, CARBON	12K	5%	1/4W
R52	1-249-441-11	s	RES, CARBON	100K	5%	1/4W
R53	1-249-422-11	s	RES, CARBON	2.7K	5%	1/4W
R54	1-249-441-11	s	RES, CARBON	100K	5%	1/4W
R55	1-249-441-11	s	RES, CARBON	100K	5%	1/4W
R56	1-249-417-11	s	RES, CARBON	1K	5%	1/4W
R57	1-249-426-11	s	RES, CARBON	5.6K	5%	1/4W
R58	1-249-417-11	s	RES, CARBON	1K	5%	1/4W
R59	1-249-426-11	s	RES, CARBON	5.6K	5%	1/4W
R60	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
R61	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
R62	1-249-421-11	s	RES, CARBON	2.2K	5%	1/4W
R63	1-247-887-00	s	RES, CARBON	220K	5%	1/4W
R64	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R65	1-249-436-11	s	RES, CARBON	39K	5%	1/4W
R66	1-249-441-11	s	RES, CARBON	100K	5%	1/4W
R67 to R69	1-249-423-11	s	RES, CARBON	3.3K	5%	1/4W
R70 to R74	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R75	1-249-430-11	s	RES, CARBON	12K	5%	1/4W
R76	1-249-421-11	s	RES, CARBON	2.2K	5%	1/4W
R77 to R80	1-249-429-11	s	RES, CARBCN	10K	5%	1/4W
R81	1-249-430-11	s	RES, CARBON	12K	5%	1/4W
R82	1-249-434-11	s	RES, CARBON	27K	5%	1/4W
R83	1-249-426-11	s	RES, CARBON	5.6K	5%	1/4W
R84	1-249-426-11	s	RES, CARBON	5.6K	5%	1/4W
R85	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R86	1-249-441-11	s	RES, CARBON	100K	5%	1/4W
R87	1-249-411-11	s	RES, CARBON	330	5%	1/4W
R88	1-249-430-11	s	RES, CARBON	12K	5%	1/4W
R89	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R90	1-249-426-11	s	RES, CARBON	5.6K	5%	1/4W
R91	1-215-454-00	s	RES, METAL	24K	1%	1/6W
R92	1-215-454-00	s	RES, METAL	24K	1%	1/6W
R95	1-249-401-11	s	RES, CARBON	47	5%	1/4W
R96	1-249-401-11	s	RES, CARBON	47	5%	1/4W
R97	1-249-407-11	s	RES, CARBON	150	5%	1/4W
R98	1-249-407-11	s	RES, CARBON	150	5%	1/4W
R99	1-215-454-00	s	RES, METAL	24K	1%	1/6W
R100	1-249-432-11	s	RES, CARBON	18K	5%	1/4W
R101	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R102	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
R103	1-249-441-11	s	RES, CARBON	100K	5%	1/4W
R104	1-249-441-11	s	RES, CARBON	100K	5%	1/4W
R105	1-249-441-11	s	RES, CARBON	100K	5%	1/4W
R107	1-249-441-11	s	RES, CARBON	100K	5%	1/4W
R108	1-249-401-11	s	RES, CARBON	47	5%	1/4W
R109	1-249-401-11	s	RES, CARBON	47	5%	1/4W

Ref No.	Parts No.	SP	Description			
R110	1-249-441-11	s	RES, CARBON	100K	5%	1/4W
R111	1-249-441-11	s	RES, CARBON	100K	5%	1/4W
R112	1-249-401-11	s	RES, CARBON	47	5%	1/4W
R113	1-249-401-11	s	RES, CARBON	47	5%	1/4W
R114	1-249-418-11	s	RES, CARBON	1.2K	5%	1/4W
R115	1-247-895-00	s	RES, CARBON	470K	5%	1/4W
R116	1-215-452-00	s	RES, METAL	20K	1%	1/6W
R117	1-249-417-11	s	RES, CARBON	1K	5%	1/4W
R121	1-249-417-11	s	RES, CARBON	1K	5%	1/4W
RB1	1-231-533-00	s	RES BLOCK 10K×4			
RB2 to RB4	1-231-533-00	s	RES BLOCK 10K×4			
RB5 to RB11	1-235-195-11	s	RES BLOCK 10K×8			
RB12	1-231-509-00	s	RES BLOCK 1K×4			
RB13 to RB17	1-235-195-11	s	RES BLOCK 10K×8			
RB18	1-231-533-00	s	RES BLOCK 10K×4			
RV1	1-237-519-21	s	RES, ADJ, CERMET	20K		
SW1	1 570-373-12	s	SWITCH, SLIDE			
SW2	1-570-373-12	s	SWITCH, SLIDE			
SW3 to SW5	1-571-408-11	s	SWITCH, TOGGLE			
SW6	1-554-955-11	s	SWITCH, ROTARY			
SW7	1-570-623-11	s	SWITCH, DIP			
X1	1-527-431-00	s	OSCILLATOR, CRYSTAL			

TM-24 BOARD

Ref No.	Parts No.	SP	Description			
-	1-625-572-11	o	PC BOARD, TM-24			
C1	1-124-896-11	s	CAP, ELECT	33	20%	16V
C2	1-124-903-11	s	CAP, ELECT	1	20%	50V
CN791 to CN793	1-506-485-11	s	PIN, CONNECTOR 6P			
R1	1-249-421-11	s	RES, CARBON	2.2K	5%	1/4W
TM1	1-548-152-11	s	HOUR METER, DIGITAL			

TRC-1 BOARD

Ref No.	Parts No.	SP	Description			
-	A-7850-670-A	o	COMPLETE PCB, TRC-1			

(This assembly includes the following parts.)

Ref No.	Parts No.	SP	Description			
-	1-563-859-11	s	RECEPTACLE, CONNECOTR 2P			
-	3-714-634-01	o	LEVER, PC BOARD			
-	4-928-330-01	o	NUT (M2.6), HEXAGON			
-	7-626-320-11	o	PIN, SPRING 3×8			
-	7-628-254-30	s	SCREW +PS 2.6×10			
-	7-682-546-04	s	SCREW +B 3×5			
-	7-685-646-14	s	SCREW +BTP 3×8			
-	9-911-840-99	s	SPACER (A)			
-	9-911-845-99	s	CUSHION (A)			
C2	1-124-254-00	s	CAP, ELECT	0.68	20%	50V
C3 to C10	1-102-963-00	s	CAP, CERAMIC	33P	5%	50V
C11	1-102-973-00	s	CAP, CERAMIC	100P	5%	50V
C12	1-126-103-11	s	CAP, ELECT	470	20%	16V
C215	1-162-176-00	s	CAP, CERAMIC	1.5		25V
C216	1-162-176-00	s	CAP, CERAMIC	1.5		25V
C217 to C227	1-161-772-11	s	CAP, CERAMIC	0.1	10%	25V
C501	1-124-584-00	s	CAP, ELECT	100	20%	10V
CN1	1-565-207-11	s	CONNECTOR, DIN(MALE) 128P			
CN2	1-565-207-11	s	CONNECTOR, DIN(MALE) 128P			
D3	8-719-911-19	s	DIODE 1SS119			
D501	8-719-911-19	s	DIODE 1SS119			
IC101	8-759-107-45	s	IC UPA54HA			
IC102	8-759-107-46	s	IC UPA64HA			
IC103	8-759-107-45	s	IC UPA54HA			
IC104	8-759-107-46	s	IC UPA64HA			
IC105	8-759-107-46	s	IC UPA64HA			
IC106	8-759-107-45	s	IC UPA54HA			
IC107	8-759-107-45	s	IC UPA54HA			
IC108	8-759-107-46	s	IC UPA64HA			
ICB14	8-759-239-47	s	IC TC74HC123AP			
ICB16	8-759-916-29	s	IC SN74HC74AN			
C42	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C44 to C47	1-101-004-00	s	CAP, CERAMIC	0.01		50V
C50 to C214	1-101-004-00	s	CAP, CERAMIC	0.01		50V
ICC1	8-759-916-57	s	IC SN74HC191N			
ICC2	8-759-916-57	s	IC SN74HC191N			
ICC3	8-759-916-57	s	IC SN74HC191N			
ICC6	8-759-737-35	s	IC 27C256-TRC-C6-V1.1			
ICC7	8-759-737-36	s	IC 27C256-TRC-C7-V1.1			
ICC9	8-752-337-46	s	IC CXK58257AP-10L			
ICC10	8-752-337-46	s	IC CXK58257AP-10L			
ICC12	8-759-737-37	s	IC 27C256-TRC-C12-V1.1			
ICC13	8-759-737-38	s	IC 27C256-TRC-C13-V1.1			
ICC14	8-759-203-48	s	IC TC74HC573P			
ICC15	8-759-916-49	s	IC SN74HC154NT			
ICC16	8-759-203-48	s	IC TC74HC573P			
ICD1 to ICD11	8-759-203-50	s	IC TC74HC574P			
ICD13	8-759-203-50	s	IC TC74HC574P			
ICD14	8-759-917-20	s	IC SN74HC645N			
ICD16	8-759-203-48	s	IC TC74HC573P			
ICE1	8-759-916-29	s	IC SN74HC74N			
ICE2	8-759-916-29	s	IC SN74HC74N			
ICE3	8-759-916-57	s	IC SN74HC191N			
ICE4	8-759-203-52	s	IC TC74HC595P			
ICE5	8-759-202-26	s	IC TC74HC138P			

Ref No.	Parts No.	SP	Description
ICE6	8-759-203-52	s	IC TC74HC595P
ICE7	8-759-989-53	s	IC SN74ALS169BN
ICE8	8-759-001-39	s	IC MC74HC164N
ICE9	8-759-989-53	s	IC SN74ALS169BN
ICE10	8-759-001-39	s	IC MC74HC164N
ICE11	8-759-916-29	s	IC SN74HC74N
ICE12	8-759-916-29	s	IC SN74HC74N
ICE13	8-759-202-11	s	IC TC74HC00P
ICE14	8-759-917-20	s	IC SN74HC645N
ICE16	8-752-800-48	s	IC CXQ70116P-8
ICF1	8-759-202-26	s	IC TC74HC138P
ICF2	8-759-202-26	s	IC TC74HC138P
ICF3	8-759-946-36	s	IC SN74ALS163BN
ICF4	8-759-946-36	s	IC SN74ALS163BN
ICF5	8-759-936-54	s	IC SN74ALS175N
ICF6	8-759-937-47	s	IC SN74ALS86N
ICF7	8-759-904-38	s	IC SN74ALS32N
ICF8	8-759-936-54	s	IC SN74ALS175N
ICF9	8-759-904-26	s	IC SN74ALS08N
ICF10	8-759-946-36	s	IC SN74ALS163BN
ICF11	8-759-107-53	s	IC CXQ71055P
ICF13	8-759-916-57	s	IC SN74HC191N
ICF14	8-759-203-50	s	IC TC74HC574P
ICG1	8-759-916-29	s	IC SN74HC74N
ICG3	8-759-946-36	s	IC SN74ALS163BN
ICG4	8-759-202-26	s	IC TC74HC138P
ICG5	8-759-946-36	s	IC SN74ALS163BN
ICG6	8-759-946-36	s	IC SN74ALS163BN
ICG7	8-759-916-29	s	IC SN74HC74N
ICG8	8-759-916-29	s	IC SN74HC74N
ICG9	8-759-916-29	s	IC SN74HC74N
ICG10	8-759-916-42	s	IC SN74HC133N
ICG13	8-759-916-57	s	IC SN74HC191N
ICG14	8-759-202-18	s	IC TC74HC20P
ICG15	8-759-107-56	s	IC CXQ71011P
ICG16	8-759-202-26	s	IC TC74HC138P
ICH1	8-759-203-50	s	IC TC74HC574P
ICH3	8-759-916-98	s	IC SN74HC377N
ICH4	8-759-202-32	s	IC TC74HC163P
ICH5	8-759-900-67	s	IC SN74ALS02N
ICH6	8-759-202-74	s	IC TC74HC04N
ICH7	8-759-202-11	s	IC TC74HC00P
ICH8	8-759-202-11	s	IC TC74HC00P
ICH9	8-759-916-23	s	IC SN74HC27N
ICH10	8-759-904-83	s	IC 74F32PC
ICH11	8-752-806-91	s	IC CXQ71054P
ICH13	8-752-806-91	s	IC CXQ71054P
ICH14	8-759-202-89	s	IC TC74HC139P
ICH15	8-759-202-26	s	IC TC74HC138P

Ref No.	Parts No.	SP	Description
ICJ4	8-759-202-32	s	IC TC74HC163P
ICJ5	8-759-203-01	s	IC TC74HC175P
ICJ6	8-759-202-24	s	IC TC74HC86P
ICJ7	8-759-202-14	s	IC TC74HC08P
ICJ8	8-759-916-29	s	IC SN74HC74N
ICJ9	8-759-202-32	s	IC TC74HC163P
ICJ10	8-759-203-01	s	IC TC74HC175P
ICJ14	8-759-916-20	s	IC SN74HC14N
ICJ15	8-759-202-14	s	IC TC74HC08P
ICJ16	8-759-202-21	s	IC TC74HC32P
ICK1	0-480-090-00	s	IC 27C256-TRC-K1
ICK3	0-480-091-00	s	IC 27C256-TRC-K3
ICK4	8-759-202-32	s	IC TC74HC163P
ICK5	8-759-916-29	s	IC SN74HC74N
ICK6	8-759-916-29	s	IC SN74HC74N
ICK7	8-759-202-85	s	IC TC74HC112P
ICK8	8-759-202-74	s	IC TC74HC04N
ICK9	8-759-202-11	s	IC TC74HC00P
ICK11	8-759-105-76	s	IC UPD71059C
ICK13	8-759-105-76	s	IC UPD71059C
ICK14	8-759-202-15	s	IC TC74HC10P
ICK15	8-759-904-83	s	IC 74F32PC
ICK16	8-759-202-74	s	IC TC74HC04N
ICL1	8-759-203-50	s	IC TC74HC574P
ICL3	8-759-916-98	s	IC SN74HC377N
ICL4	8-759-202-32	s	IC TC74HC163P
ICL5	8-759-202-74	s	IC SN74HC04N
ICL6	8-759-203-21	s	IC TC74HC273P
ICL7	8-759-202-11	s	IC TC74HC00P
ICL8	8-759-202-16	s	IC TC74HC11P
ICL9	8-759-202-14	s	IC TC74HC08P
ICL10	8-759-202-74	s	IC TC74HC04N
ICL11	8-759-970-04	s	IC MB8421-90LP
ICL13	8-759-202-27	s	IC TC74HC157P
ICL14	8-759-202-74	s	IC TC74HC04N
ICL15	8-759-004-63	s	IC MC74HC125N
ICL16	8-759-202-85	s	IC TC74HC112P
ICM1	8-759-004-91	s	IC MC74HC688N
ICM2	8-759-203-50	s	IC TC74HC574P
ICM3	8-759-202-32	s	IC TC74HC163P
ICM4	8-759-00710	s	IC MC74HC541N
ICM5	8-759-202-21	s	IC TC74HC32P
ICM6	8-759-916-15	s	IC SN74HC05N
ICM7	8-759-203-50	s	IC TC74HC574P
ICM8	8-759-007-10	s	IC MC74HC541N
ICM10	8-759-107-53	s	IC CXQ71055P
ICM13	8-759-926-32	s	IC AM26LS32PC
ICM14	8-759-951-24	s	IC SN75124N
ICM15	8-759-203-48	s	IC TC74HC573P
ICM16	8-759-917-20	s	IC SN74HC645N

Ref No.	Parts No.	SP	Description			
ICN1	8-759-202-26	s	IC TC74HC138P			
ICN2	8-759-007-10	s	IC MC74HC541N			
ICN3	8-759-007-10	s	IC MC74HC541N			
ICN4	8-759-917-20	s	IC SN74HC645N			
ICN6	8-759-007-10	s	IC MC74HC541N			
ICN7	8-759-007-10	s	IC MC74HC541N			
ICN11	8-759-203-46	s	IC TC74HC564P			
ICN12	8-759-007-10	s	IC N1C74HC541N			
ICN13	8-759-926-31	s	IC AM26LS31PC			
ICN14	8-759-926-32	s	IC AM26LS32PC			
JW1	1-566-388-11	s	PIN, CONNECTOR 8P			
JW3	1-566-388-11	s	PIN, CONNECTOR 8P			
JW4	1 566-388-11	s	PIN, CONNECTOR 8P			
L1	1-409-339-00	s	COIL, SN			
PH1	8-719-945-60	s	PC827			
Q1	8-729-173-37	s	TRANSISTOR 2SA733-P			
R3	1-249-409-11	s	RES, CARBON	220	5%	1/4W
R4	1-249-441-11	s	RES, CARBON	100K	5%	1/4W
R5	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R6	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R7	1-249-409-11	s	RES, CARBON	220	5%	1/4W
R8 to R11	1-249-401-11	s	RES, CARBON	47	5%	1/4W
R12	1-249-421-11	s	RES, CARBON	2.2K	5%	1/4W
R13	1-249-401-11	s	RES, CARBON	47	5%	1/4W
R14	1-249-421-11	s	RES, CARBON	2.2K	5%	1/4W
R15	1-249-401-11	s	RES, CARBON	47	5%	1/4W
R16	1-249-401-11	s	RES, CARBON	47	5%	1/4W
R17	1-249-409-11	s	RES, CARBON	220	5%	1/4W
R18	1-249-441-11	s	RES, CARBON	100K	5%	1/4W
R19	1-249-441-11	s	RE5, CARBON	100K	5%	1/4W
R21	1-249-409-11	s	RES, CARBON	220	5%	1/4W
R22	1-249-411-11	s	RES, CARBON	330	5%	1/4W
R23	1-249-411-11	s	RES, CARBON	330	5%	1/4W
R24	1-249-417-11	s	RES, CARBON	1K	5%	1/4W
R25	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R26 to R29	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
R501	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
R502	1-247-862-11	s	RES, CARBON	20K	5%	1/4W
RB1 to RB9	1-235-195-00	s	RES BLOCK 10K×8			
RB10	1-235-192-00	s	RES BLOCK 1K×8			
RB11 to RB23	1-235-195-00	s	RES BLOCK 10K×8			
RB24	1-235-192-00	s	RES BLOCK 1K×8			
RB25	1-235-195-00	s	RES BLOCK 10K×8			
SW1	1-554-150-00	s	SWITCH, DIP			
SW2	1-571-408-11	s	SWITCH, TOGGLE			
SW4	1-554-027-00	s	SWITCH, ROTARY			
X1	1-577-076-11	s	VIBRATOR, CRYSTAL			

UR-03 BOARD

Ref No.	Parts No.	SP	Description
-	1-413-087-13	s	SWITCHING REGULATOR (UR-03)

(The switching regulator UR-03 includes the following electrical parts, but for mechanical parts, see "SWITCHING REGULATOR" of D-2. EXPLODED VIEWS AND PARTS LIST.)

Ref No.	Parts No.	SP	Description			
C001	1-130-479-00	s	CAP, MYLER	0.0047	5%	50V
C002	1-123-381-00	s	CAP, ELECT	2.2	20%	100V
C003	1-126-101-11	s	CAP, ELECT	100	20%	16V
C101	1-136-185-00	s	CAP, FILM	0.22	20%	250V
C102 to C105	1-162-599-12	s	CAP, CERAMIC	4700P	20%	400V
C106 to C 109	1-161-742-00	s	CAP, CERAMIC	2200P	20%	400V
C110	1-130-808-00	s	CAP, FILM	0.22	10%	400V
C111	1-125-267-00	s	CAP, ELECT	300	20%	400V
C112	1-125-268-00	s	CAP, ELECT	47	20%	400V
C113	1-123-659-00	s	CAP, ELECT	4.7	20 %	250V
C114	1-123-659-00	s	CAP, ELECT	4.7	20%	250V
C201	1-130-777-00	s	CAP, FILM	0.1	10%	500V
C202	1-161-925-00	s	CAP, CERAMIC	100P	10%	500V
C203	1-130-487-00	s	CAP, MYLAR	0.22	5%	50V
C206	1-124-760-11	s	CAP, ELECT	2200	20%	10V
C207	1-124-760-11	s	CAP, ELECT	2200	20%	10V
C208	1-124-760-11	s	CAP, ELECT	2200	20%	10V
C209	1-124-559-51	s	CAP, ELECT	1000	20%	10V
C210	1-126-335-11	s	CAP, ELECT	220	20%	10V
C211	1-126-103-11	s	CAP, ELECT	470	20%	16V
C301	1-130-652-00	s	CAP, PP FILM	0.0036	2%	100V
C302	1-136-287-11	s	CAP, PP FILM	0.0047	5%	100V
C303	1-123-332-00	s	CAP, ELECT	47	20%	25V
C304	1-123-356-00	s	CAP, ELECT	10	20%	50V
C305	1-130-777-00	s	CAP, FILM	0.1	10%	100V
C306	1-130-777-00	s	CAP, FILM	0.1	10%	100V
CD05	1-464-179-00	s	CONVERTER UNIT, DC-DC (CD-05)			
CN101	1-560-437-00	s	HORIZONTAL PIN ASSY 4P			
CN201	1-560-564-00	o	HORIZONTAL PIN ASSY 6P			
D001	8-719-900-95	s	DIODE V09G			
D002	8-719-900-95	s	DIODE V09G			
D003	8-719-109-85	s	DIODE RD5.1ES-B2			
D004	8-719-815-85	s	DIODE 1SS1585			
D005	8-719-815-55	s	DIODE 1S1555			
D006	8-719-815-55	s	DIODE 1S1555			
D007	8-719-815-55	s	DIODE 1S1555			
D008	8-719-109-75	s	DIODE RD4.3ES-B2			
D101	8-719-108-08	s	DIODE AC03FGM-AY			
D102 to D105	8-719-911-55	s	DIODE U05G			

Ref No.	Parts No.	SP	Description			
D201	8-719-300-29	s	DIODE CTG-31S			
D202	8-719-300-29	s	DIODE CTG-31S			
D203	8-719-111-44	s	DIODE F114D			
D204	8-719-200-02	s	DIODE 10E-2			
D301	8-719-200-02	s	DIODE 10E-2			
D302	8-719-100-38	s	DIODE RD6.2E-B1			
D303	8-719-815-55	s	DIODE 1S1555			
F101	1-532-604-21	s	FUSE,TEMPERATURE			
IC301	8-759-904-94	s	IC TL494CN			
L101	1-459-215-00	s	COIL (WITH CORE)			
L102	1-459-215-00	s	COIL (WITH CORE)			
L201	1-412-505-11	s	COIL, CHOKE			
L202	1-421-506-00	s	COIL, CHOKE 6.2UH			
L203	1-421-401-00	s	COIL, FERRITE CHOKE			
L204	1-421-401-00	s	COIL, FERRITE CHOKE			
L205	1-459-375-00	s	COIL, CHOKE			
Q001	8-729-175-22	s	TRANSISTOR 2SC2752			
Q002	8-729-115-64	s	TRANSISTOR 2SA1156			
Q003	8-729-100-13	s	TRANSISTOR 2SC2001			
Q101	8-729-993-83	s	TRANSISTOR 2SC2938			
Q102	8-729-993-83	s	TRANSISTOR 2SC2938			
Q301	8-729-117-54	s	TRANSISTOR 2SA1175			
R001	1-246-545-00	s	RES, CARBON	1M	5%	1/4W
R002	1-246-545-00	s	RES, CARBON	1M	5%	1/4W
R003	1-247-115-00	s	RES, CARBON	220	5%	1/4W
R004	1-247-115-00	s	RES, CARBON	220	5%	1/4W
R005	1-247-103-00	s	RES, CARBON	68	5%	1/4W
R006	1-247-721-11	s	RES, CARBON	4.7K	5%	1/4W
R007	1-247-545-00	s	RES, CARBON	1M	5%	1/4W
R008	1-247-708-11	s	RES, CARBON	470	5%	1/4W
R009	1-247-721-11	s	RES, CARBON	4.7	5%	1/4W
R 101	1-205-711-11	s	RES, CEMENT	15	5%	5W
R102	1-247-087-11	s	RES, CARBON	15	5%	1/4W
R103	1-247-087-11	s	RES, CARBON	15	5%	1/4W
R104	1-247-103-11	s	RES, CARBON	68	5%	1/4W
R105	1-247-704-11	s	RES, CARBON	220	5%	1/4W
R201 to R204	1-535-369-00	s	RES, SHUNT			
R205	1-532-605-00	s	LINK, IC			
R206	1-532-605-00	s	LINK, IC			
R207	1-247-733-11	s	RES, CARBON	33	5%	1/2W
R209	1-247-704-11	s	RES, CARBON	220	5%	1/4W
R301	1-247-715-11	s	RES, CARBON	1.5K	5%	1/4W
R302	1-247-099-11	s	RES, CARBON	47	5%	1/4W
R303	1-247-700-11	s	RES, CARBON	100	5%	1/4W
R304	1-246-488-00	s	RES, CARBON	4.3K	5%	1/4W
R304	1-246-490-00	s	RES, CARBON	5.1K	5%	1/4W
R304	1-247-722-11	s	RES, CARBON	5.6K	5%	1/4W

Ref No.	Parts No.	SP	Description			
R304	1-247-720-11	s	RES, CARBON	3.9K	5%	1/4W
R304	1-247-721-11	s	RES, CARBON	4.7K	5%	1/4W
R305	1-247-725-11	s	RES, CARBON	10K	5%	1/4W
R306	1-247-725-11	s	RES, CARBON	10K	5%	1/4W
R307	1-247-721-11	s	RES, CARBON	4.7K	5%	1/4W
R308	1-247-721-11	s	RES, CARBON	4.7K	5%	1/4W
R309	1-247-716-11	s	RES, CARBON	1.8K	5%	1/4W
R310	1-247-717-11	s	RES, CARBON	2.2K	5%	1/4W
R311	1-247-721-11	s	RES, CARBON	4.7K	5%	1/4W
R312	1-249-469-11	s	RES, CARBON	100K	5%	1/4W
R313	1-247-722-11	s	RES, CARBON	5.6K	5%	1/4W
R314	1-247-721-11	s	RES, CARBON	4.7K	5%	1/4W
R315	1-247-895-00	s	RES, CARBON	470K	5%	1/4W
RV301	1-228-141-00	s	RES, ADJ, METAL GALZE 500			
T101	1-447-223-11	s	TRANSFORMER, CONVERTER			
T102	1-421-447-00	s	FILTER, LINE (AC)			
T103	1-447-106-00	s	TRANSFORMER, DRIVE			
T104	1-447-053-00	s	TRANSFORMER, CONVERTER			

VR-56 BOARD

-	1-230-739-21	o	RES, VER, CARBON 1K
-	1-620-326-11	o	PC BOARD, VR-56
CN1	1-560-356-00	o	CONNECTOR POST HEADER, ILG

VR-75 BOARD

-	1-627-142-11	o	PC BOARD, VR-75
CN1	1-506-471-11	o	PIN, CONNECTOR 6P
VR1	9-995-007-01	o	RES, CARBON

FRAME

MAIN UNIT

-	1-228-916-00	s	POTENTIOMETER			
-	1-244-846-11	s	RES, CARBON	75	5 %	1/2W
⚠ -	1-413-363-11	o	REGULATOR, SWITCHING (SP620)			
-	1-454-472-11	s	SOLENOID, PLUNGER			
-	1-454-473-11	s	SOLENOID, PLUNGER			
-	1-506-740-11	o	TERMINAL, SOLDERLESS			
-	1-509-176-51	s	CONNECTOR (RECEPTACLE) 3P			
-	1-509-184-51	s	CONNECTOR (RECEPTACLE) 3P			
-	1-509-987-00	o	HOUSING, ILCONNECTOR 6P			
-	1-514-461-21	s	SLIDE SWITCH			
-	1-535-206-00	o	TERMINAL, SOLDERLESS			
-	1-535-207-21	o	TERMINAL, SOLDERLESS			
-	1-535-243-21	o	CONTACT, CONNECTOR			
-	1-535-321-11	o	TERMINAL, SOLDERLESS			
-	1-535-340-11	o	TERMINAL, SOLDERLESS			

FRAME

Ref No.	Parts No.	SP	Description
-	1-535-341-11	o	TERMINAL, SOLDERLESS
-	1-535-375-11	o	TERMINAL, SOLDERLESS
-	1-535-427-00	o	TERMINAL, SOLDERLESS
-	1-535-506-21	s	PRESS TERMINAL
-	1-541-198-00	s	MOTOR, GEARED
-	1-554-967-11	s	SWICTH, PUSH (AC POWER)(1 KEY)
-	1-560-298-00	o	TERMINAL, SOLDERLESS
-	1-560-372-00	o	TERMINAL, SOLDERLESS
-	1-561-069-00	o	HOUSING, PLUG
-	1-561-083-21	o	HOUSING, CAP 2P
-	1-561-148-00	o	HOUSING, CONNECTOR 4P
-	1-561-515-00	o	CONNECTOR HOUSING 3P
-	1-562-147-11	o	HOUSING, CONNECTOR 2P
-	1-562-148-11	o	HOUSING, CONNECTOR 3P
-	1-562-149-11	o	HOUSING, CONNECTOR 4P
-	1-562-150-11	o	HOUSING, CONNECTOR 5P
-	1-562-151-11	o	HOUSING, CONNECTOR 6P
-	1-562-155-11	o	HOUSING, CONNECTOR 10P
-	1-562-157-11	o	HOUSING, CONNECTOR 12P
-	1-562-185-00	o	HOUSING, CONNECTOR 14P
-	1-562-210-11	o	CONTACT, CONNECTOR
-	1-562-210-11	o	CONTACT, CONNECTOR
-	1-562-211-11	o	HOUSING, CONNECTOR 3P
-	1-562-261-21	o	CONNECTOR, COAXIAL (BNC)
-	1-562-285-11	o	HOUSING, CONNECTOR 4P
-	1-562-287-11	o	HOUSING, CONNECTOR 6P
-	1-562-352-11	o	HOUSING, CONNECTOR 2P
-	1-562-800-11	o	HOUSING, CONNECTOR 9P
-	1-562-958-11	o	HOUSING, CONNECTOR 15P
-	1-562-958-21	o	HOUSING, CONNECTOR 15P
-	1-562-958-31	o	HOUSING, CONNECTOR 15P
-	1-563-115-11	o	CONNECTOR, PS
-	1-563-119-11	o	CONNECTOR, PS 10P
-	1-563-819-11	s	SOCKET, D-SUB CONNECTOR 50P
-	1-564-026-00	o	CONTACT, RECEPTACLE
-	1-565-702-11	s	RECEPTACLE, MULTI CONNECTOI 27P
-	1-565-703-11	s	RECEPTACLE, MULTI CONNECTOI 27P
-	1-566-947-11	o	TERMINAL, SOLDERLESS
-	1-620-916-11	o	PC BOARD, PE-18
-	1-940-698-11	o	HARNESS (POWER SWITCH)
-	1-942-119-11	o	HARNESS (FLAT CABLE ASSY)
-	1-942-120-11	o	HARNESS (FLAT CABLE ASSY)
-	1-942-121-11	o	HARNESS (FLAT CABLE ASSY)
-	1-942-122-11	o	HARNESS (FLAT CABLE ASSY)
-	1-942-123-11	o	HARNESS (FLAT CABLE ASSY)
-	1-942-124-11	o	HARNESS (FLAT CABLE ASSY)
-	1-942-125-11	o	HARNESS (FLAT CABLE ASSY 20P)
-	1-942-498-11	o	HARNESS (FLAT CABLE ASSY)
-	1-942-499-11	o	HARNESS (FLAT CABLE ASSY)
-	1-942-500-11	o	HARNESS (FLAT CABLE ASSY)

Ref No.	Parts No.	SP	Description
-	1-942-501-11	o	HARNESS (FLAT CABLE ASSY)
-	1-942-502-11	o	HARNESS (FLAT CABLE ASSY)
-	1-942-503-11	o	HARNESS (FLAT CABLE ASSY)
-	1-942-504-11	o	HARNESS (FLAT CABLE ASSY)
-	1-942-505-11	o	HARNESS (FATL CABLE ASSY)
-	1-942-506-11	o	HARNESS (FLAT CABLE ASSY)
-	1-942-507-11	o	HARNESS (FLAT CABLE ASSY)
-	1-942-508-11	o	HARNESS (FLAT CABLE ASSY)
-	1-942-509-11	o	HARNESS (FLAT CABLE ASSY)
-	1-942-510-11	o	HARNESS (FLAT CABLE ASSY)
-	1-942-514-11	o	HARNESS (FLAT CABLE ASSY)
-	1-942-515-11	o	HARNESS (FLAT CABLE ASSY)
-	1-942-516-11	o	HARNESS (FLAT CABLE ASSY)
-	1-942-518-11	o	HARNESS (FLAT CABLE ASSY)
-	1-942-519-11	o	HARNESS (FLAT CABLE ASSY)
-	1-942-520-11	o	HARNESS (FLAT CABLE ASSY)
-	1-942-533-11	o	HARNESS (GND1)
-	1-942-534-11	o	HARNESS (GND2)
-	1-942-536-11	o	HARNESS (GND4)
-	1-942-537-11	o	HARNESS (GND5)
-	8-719-802-00	s	DIODE TLN109
-	8-729-208-85	s	TRANSISTOR TPS613
-	8-835-327-01	o	MOTOR, DC DTM-5245G

REMOTE CONTROL UNIT

Ref No.	Parts No.	SP	Description
-	1-217-210-11	s	RES, WIRE 6.8 10% 2W (For EK only)
⚠ -	1-413-087-13	s	SWITCHING REGULATOR (UR-03)
-	1-526-813-21	s	INLET, AC 3P
-	1 532-259-00	s	FUSE, TIME LAG (For EK)
-	1-532-742-11	s	FUSE, GLASS TUBE (For J and UC)
-	1-533-167-00	s	HOLDER, FUSE
-	1-533-168-00	s	HOLDER, FUSE
-	1-561-219-00	o	SOCKET, CONNECTOR
-	1-561-254-00	o	CONNECTOR CONTACT
⚠ -	1-561-292-00	s	CONNECTOR SOCKET, 4P
-	1-562-210-11	o	CONTACT, CONNECTOR
-	1-562-261-21	o	CONNECTOR, COAXIAL (BNC)
-	1-562-287-11	o	HOUSING, CONNECTOR 6P
⚠ -	1-570-052-11	s	SWITCH, PUCH (AC POWER)(1 KEY)
-	1-574-072-11	o	CORD (WITH CONNECTOR)
-	1-942-093-11	o	HARNESS (JACK)
-	1-942-100-11	o	HARNESS (VARI)
-	1-942-103-11	o	HARNESS (BNC)
-	1-942-115-11	o	HARNESS
-	1-942-116-11	o	HARNESS
-	1-942-117-11	o	HARNESS
-	1-942-118-11	o	HARNESS

D-3-2. POWER SUPPLY

Ref No.	Parts No.	SP	Description			
A BOARD (PSC)						
-	1-589-183-11	s	COMPLETE PC BOARD, PSC			
(This assembly includes the following parts.)						
C1	1-124-910-11	s	CAP, ELECT	47	20%	50V
C2	9-995-413-01	s	CAP, ELECT	1500		50V
C3	1-124-514-11	s	CAP, ELECT	100	20%	50V
C4	1-124-357-11	s	CAP, ELECT	33	20%	35V
C5	1-106-220-00	s	CAP, FILM	0.1	20%	100V
C6	1-123-333-00	s	CAP, ELECT	100	20%	25V
C7	1-106-220-00	s	CAP, FILM	0.1	20%	100V
C8	1-123-333-00	s	CAP, ELECT	100	20%	25V
C9	1-106-220-00	s	CAP, FILM	0.1	20%	100V
C10	1-131-351-00	s	CAP, TANTAL	4.7	10%	35V
C11	1-131-349-00	s	CAP, TANTAL	2.2	10%	35V
C12	1-131-347-00	s	CAP, TANTAL	1	10%	35V
C13	1-123-333-00	s	CAP, ELECT	100	20%	25V
C14	1-124-474- 11	s	CAP, ELECT	47		16V
CN1	9-995-414-01	o	CONNECTOR			
CN2	9-995-415-01	o	CONNECTOR			
CN3	9-995-416-01	o	CONNECTOR			
CN4	1-560-311-00	o	POST HEADER 5P			
CN5	1-560-314-00	o	POST HEADER 10P			
CN6	1-560-313-00	o	POST HEADER 8P			
CN7	1-560-310-00	o	POST HEADER 4P			
CN8	9-995-417-01	o	CONNECTOR			
D1	8-719-510-06	s	DIODE S1WB60			
D2	8-719-510-06	s	DIODE S1WB60			
D3	8-719-900-95	s	DIODE V09G			
D4	8-719-900-95	s	DIODE V09G			
D5	8-719-900-95	s	DIODE V09G			
D6	8-719-938-68	s	DIODE GL-3HY-8			
D7	8-719-812-44	s	DIODE TLO124			
D8	8-719-812-41	s	DIODE TLR124			
D9	8-719-802-30	s	DIODE 1SS176			
D10	8-719-802-30	s	DIODE 1SS176			
D11	8-719-802-30	s	DIODE 1SS176			
D12	8-719-802-30	s	DIODE 1SS176			
D13	8-719-802-30	s	DIODE 1SS176			
D14	8-719-802-30	s	DIODE 1SS176			
D15	8-719-812-41	s	DIODE TLR124			
D16	8-719-812-44	s	DIODE TLO124			
D17	8-719-938-68	s	DIODE GL-3HY-8			
D18	8-719-802-30	s	DIODE 1SS176			
IC1	8-759-982-26	s	IC RC78L12A			
IC2	8-759-240-81	s	IC TC4081BP			
IC3	8-759-240-81	s	IC TC4081BP			
PC1	8-719-902-56	s	DIODE PC817			
PC2	8-719-902-56	s	DIODE PC817			
PC3	8-719-902-56	s	DIODE PC817			
Q1	8-729-201-53	s	TRANSISTOR 2SA1015-GR			
Q2	8-729-112-03	s	TRANSISTOR 2SA1220A-P			
Q3	8-729-112-03	s	TRANSISTOR 2SA1220A-P			
Q4	8-729-112-03	s	TRANSISTOR 2SA1220A-P			
Q5	8-729-281-54	s	TRANSISTOR 2SC1815-BL			
Q6	8-729-281-54	s	TRANSISTOR 2SC1815-BL			
Q7	8-729-281-54	s	TRANSISTOR 2SC1815-BL			
Q8	8-729-281-54	s	TRANSISTOR 2SC1815-BL			
Q9	8-729-281-54	s	TRANSISTOR 2SC1815-BL			
Q10	8-729-281-54	s	TRANSISTOR 2SC1815-BL			
Q11	8-729-281-54	s	TRANSISTOR 2SC1815-BL			
Q12	8-729-281-54	s	TRANSISTOR 2SC1815-BL			
Q13	8-729-281-54	s	TRANSISTOR 2SC1815-BL			
Q14	8-729-281-54	s	TRANSISTOR 2SC1815-BL			
Q15	8-729-281-54	s	TRANSISTOR 2SC1815-BL			
R1	1-215-923-00	s	RES, METAL	10K	5%	3W
R2	1-215-923-00	s	RES, METAL	10K	5%	3W
R3	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R4	1-249-417-11	s	RES, CARBON	1K	5%	1/4W
R5	1-249-417-11	s	RES, CARBON	1K	5%	1/4W
R6	1-247-722-11	s	RES, CARBON	5.6K	5%	1/4W
R7	1 215-923-00	s	RES, METAL	10K	5%	3W
R8	1-247-719-11	s	RES, CARBON	3.3K	5%	1/4W
R9	1-247-723-11	s	RES, CARBON	6.8K	5%	1/4W
R10	1-247-719-11	s	RES, CARBON	3.3K	5%	1/4W
R11	1-247-723-11	s	RES, CARBON	6.8K	5%	1/4W
R12	1-247-719-11	s	RES, CARBON	3.3K	5%	1/4W
R13	1-247-723-11	s	RES, CARBON	6.8K	5%	1/4W
R14	1-247-713-11	s	RES, CARBON	1K	5%	1/4W
R15	1-249-462-11	s	RES, CARBON	22K	5%	1/4W
R16	1-249-469-11	s	RES, CARBON	100K	5%	1/4W
R17	1-249-462-11	s	RES, CARBON	22K	5%	1/4W
R18	1-249-469-11	s	RES, CARBON	100K	5%	1/4W
R19	1-247-724-11	s	RES, CARBON	8.2K	5%	1/4W
R20	1-249-462-11	s	RES, CARBON	22K	5%	1/4W
R21	1-246-545-00	s	RES, CARBON	1M	5%	1/4W
R22	1-247-724-11	s	RES, CARBON	8.2K	5%	1/4W
R23	1-249-462-11	s	RES, CARBON	22K	5%	1/4W
R24	1-246-545-00	s	RES, CARBON	1M	5%	1/4W
R25	1-247-724-11	s	RES, CARBON	8.2K	5%	1/4W
R26	1-249-462-11	s	RES, CARBON	22K	5%	1/4W
R27	1-246-545-00	s	RES, CARBON	1M	5%	1/4W
R28	1-249-435-11	s	RES, CARBON	33K	5%	1/4W
R29	1-249-424-11	s	RES, CARBON	3.9K	5%	1/4W
R30	1-249-421-11	s	RES, CARBON	2.2K	5%	1/4W
R31	1-249-462-11	s	RES, CARBON	22K	5%	1/4W
R32	1-247-722-11	s	RES, CARBON	5.6K	5%	1/4W
R33	1-247-722-11	s	RES, CARBON	5.6K	5%	1/4W
R35	1-249-430-11	s	RES, CARBON	12K	5%	1/4W
R36	1-249-431-11	s	RES, CARBON	15K	5%	1/4W

Ref No.	Parts No.	SP	Description			
R37	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R38	1-249-460-11	s	RES, CARBON	15K	5%	1/4W
R39	1-249-426-11	s	RES, CARBON	5.6K	5%	1/4W
R40	1-249-460-11	s	RES, CARBON	15K	5%	1/4W
R41	1-249-426-11	s	RES, CARBON	5.6K	5%	1/4W
R42	1-249-460-11	s	RES, CARBON	15K	5%	1/4W
R43	1-249-426-11	s	RES, CARBON	5.6K	5%	1/4W
R44	1-247-713-11	s	RES, CARBON	1K	5%	1/4W
R45	1-249-460-11	s	RES, CARBON	15K	5%	1/4W
R46	1-249-433-11	s	RES, CARBON	22K	5%	1/4W
R47	1-247-713-11	s	RES, CARBON	1K	5%	1/4W
R48	1-249-460-11	s	RES, CARBON	15K	5%	1/4W
R49	1-249-433-11	s	RES, CARBON	22K	5%	1/4W
R50	1-247-713-11	s	RES, CARBON	1K	5%	1/4W
R51	1-249-460-11	s	RES, CARBON	15K	5%	1/4W
R52	1-249-433-11	s	RES, CARBON	22K	5%	1/4W
R53	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R54	1-249-421-11	s	RES, CARBON	2.2K	5%	1/4W
R55	1-249-419-11	s	RES, CARBON	1.5K	5%	1/4W
R56	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R57	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R58	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R59	1-124-791-11	s	RES, CARBON	22	5%	1/4W

B BOARD (PSC-PS)

Ref No.	Parts No.	SP	Description
⚠ -	**1-589-184-11**	s	COMPLETE PC BOARD, PSC-PS

(This assembly includes the following parts.)

Ref No.	Parts No.	SP	Description			
⚠ C1	**1-136-212-12**	s	CAP, METAL	0.1	20%	250V
C2	**1-136-212-12**	s	CAP, METAL	0.1	20%	250V
C3	**1-161-740-00**	s	CAP, ELECT	470P	10%	400V
C4	**1-161-740-00**	s	CAP, ELECT	470P	10%	400V
C5	9-995-418-01	s	CAP, ELECT	220		200V
C6	9-995-418-01	s	CAP, ELECT	220		200V
C7	9-995-419-01	s	CAP, FILM	0.01		630V
C8	1-162-115-00	s	CAP, CERAMIC	330P	10%	2KV
C9	1-123-345-00	s	CAP, ELECT	100	20%	35V
C10	1 106-220-00	s	CAP, FILM	0.1	5%	100V
C11	1-106-379-12	s	CAP, FILM	0.033	5%	200V
C12	1-102-110-00	s	CAP, CERAMIC	220P	10%	50V
C13	1-123-379-00	s	CAP, ELECT	0.47	20%	100V
C14	1-106-347-00	s	CAP, FILM	0.0015	5%	200V
C15	1-102-110-00	s	CAP, CERAMIC	220P	10%	50V
C16	1-126-233-11	s	CAP, ELECT	22	20%	50V
C17	1-162-134-11	s	CAP, CERAMIC	470P	10%	2KV
C18	1-162-134-11	s	CAP, CERAMIC	470P	10%	2KV
C19	1-126-104-11	s	CAP, ELECT	470	20%	35V
C21	1-123-379-00	s	CAP, ELECT	0.47	20%	100V
C22	1-123-345-00	s	CAP, ELECT	100	20%	35V
C23	1-124-510-11	s	CAP, ELECT	220	20%	35V
C24	1-124-910-11	s	CAP, ELECT	47	20%	50V
C25	1-162-115-00	s	CAP, CERAMIC	330P	10%	2KV
C26	1-124-485-11	s	CAP, ELECT	330	20%	35V
C27	1-124-357-11	s	CAP, ELECT	33	20%	35V
C28	9-995-420-01	s	CAP, FILM	0.047		630V
CN1	1-560-723-00	o	CONNECTOR, PC BOARD 3P			
CN2	1-560-176-00	o	CONNECTOR, PC BOARD 2P			
CN3	9-995-431-01	o	CONNECTOR			
D1	8-719-504-60	s	DIODE S4VB60			
D2	8-719-900-95	s	DIODE V09G			
D3	8-719-300-33	s	DIODE RU-3AM			
D4	8-719-300-33	s	DIODE RU-3AM			
D5	8-719-110-36	s	DIODE RD13ESB2			
D6	8-719-900-95	s	DIODE V09G			
D7	9-995-421-01	s	DIODE 5DL2C41			
D8	8-719-900-95	s	DIODE V09G			
D9	8-719-900-95	s	DIODE V09G			
⚠ F1	**1-532-825-11**	s	FUSE			
FR1	**9-995-422-01**	s	FUSE			
IC1	9-995-423-01	s	IC HA16664APS			
IC2	8-759-908-15	s	IC TL431CLP			
IC3	8-759-604-40	s	IC M5F78M15			
IC4	8-759-982-13	s	IC RC7812FA			
⚠ L1	**9-995-426-01**	s	COIL, COMMON MODE			
L2	9-995-425-01	s	COIL, CHOKE			
L3	9-995-427-01	s	DRUM L			
L4	9-995-424-01	s	DRUM L			
L5	9-995-424-01	s	DRUM L			
⚠ PC1	**8-719-902-56**	s	DIODE PC817			
Q1	9-995-428-01	s	TRANSISTOR 2SK793			
Q2	8-729-307-28	s	TRANSISTOR 2SA872A-E			
Q3	8-729-265-52	s	TRANSISTOR 2SC2655			
Q4	8-729-281-52	s	TRANSISTOR 2SC1815-Y			
Q5	8-729-173-38	s	TRANSISTOR 2SA733-K			
R1	1-247-713-11	s	RES, CARBON	1K	5%	1/4W
R2	1-247-690-11	s	RES, CARBON	15	5%	1/4W
R3	1-247-690-11	s	RES, CARBON	15	5%	1/4W
R4	1-215-904-11	s	RES, METAL	100K	5%	2W
R5	1-215-904-11	s	RES, METAL	100K	5%	2W
R6	1-215-901-00	s	RES, METAL	33K	5%	2W
R7	1-215-901-00	s	RES, METAL	33K	5%	2W
R8	1-215-904-11	s	RES, CARBON	100K	5%	2W
R9	1-215-880-00	s	RES, METAL	10	5%	2W
R10	1-247-725-11	s	RES, CARBON	10K	5%	1/4W
R11	1-247-692-11	s	RES, CARBON	22	5%	1/4W
R12	1-217-157-00	s	RES, METAL	0.33	10%	5W
R13	1-249-390-11	s	RES, CARBON	5.6	5%	1/4W
R14	1-249-421-11	s	RES, CARBON	2.2K	5%	1/4W
R15	1 249-430-11	s	RES, CARBON	12K	5%	1/4W

Ref No.	Parts No.	SP	Description
R16	1-249-431-11	s	RES, CARBON 15K 5% 1/4W
R17	1-249-438-11	s	RES, CARBON 56K 5% 1/4W
R18	1-249-429-11	s	RES, CARBON 10K 5% 1/4W
R19	1-249-429-11	s	RES, CARBON 10K 5% 1/4W
R20	1-247-887-00	s	RES, CARBON 220K 5% 1/4W
R21	1-249-416-11	s	RES, CARBON 820 5% 1/4W
R22	1-215-857-11	s	RES, METAL 10 5% 1W
R23	1-215-857-11	s	RES, METAL 10 5% 1W
R24	1-215-857-11	s	RES, METAL 10 5% 1W
R25	1-249-417-11	s	RES, CARBON 1K 5% 1/4W
R26	1-249-425-11	s	RES, CARBON 4.7K 5% 1/4W
R28	1-249-393-11	s	RES, CARBON 10 5% 1/4W
R29	1-249-435-11	s	RES, CARBON 33K 5% 1/4W
R30	1-249-423-11	s	RES, CARBON 3.3K 5% 1/4W
R31	1-247-727-11	s	RES, CARBON 10 5% 1/2W
⚠ T1	9-995-429-01	s	TRANSFORMER, CONVERTER
TR01	9-995-430-01	s	TRIAX
VR01	1-226-775-11	s	RES, ADJ, METAL GLAZE 100K
VR02	1-226-771-11	s	RES, ADJ, METAL GLAZE 1K

C BOARD (CH1)

Ref No.	Parts No.	SP	Description
⚠ -	1-589-182-11	s	PRIMARY MOUNTED BOARD, CH1

(This assembly Includes the following parts.)

Ref No.	Parts No.	SP	Description
⚠ C1	1-136-209-11	s	CAP, METAL 0.1 5% 400V
C2	1-136-209-11	s	CAP, METAL 0.1 5% 400V
C3	1-161-740-00	s	CAP, CERAMIC 470P 10% 400V
C4	1-161-740-00	s	CAP, CERAMIC 470P 10% 400V
C5	5-995-432-01	s	CAP, ELECT 150 400V
C6	1-136-209-11	s	CAP FILM 0.1 5% 630V
C7	1-136-209-11	s	CAP, FILM 0.1 5% 630V
C8	9-995-433-01	s	CAP, CERAMIC 1000P 2KV
C9	9-995-433-01	s	CAP, CERAMIC 1000P 2KV
C10	1-123-379-00	s	CAP, ELECT 0.47 20% 100V
C11	1-106-347-00	s	CAP, FILM 0.0015 5% 200V
C12	1-123-345-00	s	CAP, ELECT 100 20% 35V
C13	1-123-381-00	s	CAP, ELECT 2.2 20% 100V
C14	1-102-978-00	s	CAP, CERAMIC 220P 5% 50V
C15	1-123-381-00	s	CAP, ELECT 2.2 20% 100V
C16	1-124-513-11	s	CAP, ELECT 47 20% 50V
C17	1-123-330-00	s	CAP, ELECT 22 20% 25V
C18	1-123-381-00	s	CAP, ELECT 2.2 20% 100V
C19	1-123-333-00	s	CAP, ELECT 100 20% 25V
C20	1-106-371-00	s	CAP, FILM 0.015 5% 200V
C21	1-123-875-11	s	CAP, ELECT 10 20% 50V
C22	1-162-131-11	s	CAP, CERAMIC 220P 10% 2KV
C23	1-162-131-11	s	CAP, CERAMIC 220P 10% 2KV
C24	1-162-131-11	s	CAP, CERAMIC 220P 10% 2KV
C25	1-162-131-11	s	CAP, CERAMIC 220P 10% 2KV
CN1	9-995-442-01	o	CONNECTOR
CN2	1-560-304-00	o	POST HEADER 8P
CN3	1-560-299-00	o	POST HEADER 2P
CN4	1-560-300-00	o	POST HEADER 3P
D1	8-719-300-33	s	DIODE RU-3AM
D2	8-719-300-33	s	DIODE RU-3AM
D3	8-719-300-33	s	DIODE RU-3AM
D4	8-719-300-33	s	DIODE RU-3AM
D5	8-719-110-36	s	DIODE RD13ES-B2
D6	8-719-900-95	s	DIODE V09G
D7	8-719-900-95	s	DIODE V09G
D8	8-719-900-95	s	DIODE V09G
D9	8-719-900-95	s	DIODE V09G
D10	8-719-812-43	s	DIODE TLG124A
D11	8-719-109-88	s	DIODE RD5.6ES-B1
D12	8-719-812-41	s	DIODE TLR124
D13	8-719-911-19	s	DIODE 1SS119
D14	8-719-109-84	s	DIODE RD5.1ES-B1
D15	8-719-109-84	s	DIODE RD5.1ES-B1
⚠ F1	1-532-850-11	s	FUSE, TIME-LAG
IC1	9-995-423-01	s	IC HA16664APS
IC2	8-759-135-80	s	IC UPC358C
IC3	8-759-908-15	s	IC TL431CLP
IC4	8-759-982-26	s	IC RC78L12A
⚠ L1	9-995-435-01	s	COIL, COMMON MODE
L2	9-995-434-01	s	BEAD L
L3	9-995-434-01	s	BEAD L
⚠ PC1	8-719-902-56	s	DIODE PC817
PC2	8-719-902-56	s	DIODE PC817
PC3	8-719-902-56	s	DIODE PC817
PC4	8-719-902-56	s	DIODE PC817
PC5	8-719-902-56	s	DIODE PC817
Q1	9-995-436-01	s	TRANSISTOR 2SK684
Q2	9-995-436-01	s	TRANSISTOR 2SK684
Q3	8-729-307-28	s	TRANSISTOR 2SA872A-E
Q4	8-729-265-52	s	TRANSISTOR 2SC2655
Q5	8-729-281-52	s	TRANSISTOR 2SC1815-Y
R1	1-215-901-00	s	RES, METAL 33K 5% 2W
R2	1-215-901-00	s	RES, METAL 33K 5% 2W
R3	9-995-437-01	s	RESISTOR 10K 15W
R4	9-995-437-01	s	RESISTOR 10K 15W
R5	9-995-438-01	s	RESISTOR 47 15W
R6	9-995-438-01	s	RESISTOR 47 15W
R7	1-249-397-11	s	RES, CARBON 22 5% 1/4W
R8	1-247-725-11	s	RES, CARBON 10K 5% 1/4W
R9	1-249-397-11	s	RES, CARBON 22 5% 1/4W
R10	1-247-725-11	s	RES, CARBON 10K 5% 1/4W
R11	1-249-416-11	s	RES, CARBON 820 5% 1/4W
R12	1-247-874-11	s	RES, CARBON 62K 5% 1/4W
R13	1-249-431-11	s	RES, CARBON 15K 5% 1/4W
R14	1-249-429-11	s	RES, CARBON 10K 5% 1/4W
R15	1-249-429-11	s	RES, CARBON 10K 5% 1/4W

Ref No.	Parts No.	SP	Description
R16	1-247-887-00	s	RES, CARBON 220K 5% 1/4W
R17	1-215-857-11	s	RES, METAL 10 5% 1W
R18	1-247-688-11	s	RES, CARBON 10 5% 1/4W
R19	1-249-425-11	s	RES, CARBON 4.7K 5% 1/4W
R20	1-249-417-11	s	RES, CARBON 1K 5% 1/4W
R21	1-249-425-11	s	RES, CARBON 4.7K 5% 1/4W
R22	1-249-399-11	s	RES, CARBON 33 5% 1/4W
R23	1-215-859-00	s	RES, METAL 22 5% 1W
R24	1-249-399-11	s	RES, CARBON 33 5% 1/4W
R25	1-249-404-00	s	RES, CARBON 82 5% 1/4W
R26	1-249-405-11	s	RES, CARBON 100 5% 1/4W
R27	1-249-417-11	s	RES, CARBON 1K 5% 1/4W
R28	1-249-413-11	s	RES, CARBON 470 5% 1/4W
R29	1-249-393-11	s	RES, CARBON 10 5% 1/4W
R30	1-249-421-11	s	RES, CARBON 2.2K 5% 1/4W
R31	1-249-420-11	s	RES, CARBON 1.8K 5% 1/4W
R32	1-215-870-11	s	RES, METAL 1.5K 5% 1W
R33	1-249-427-11	s	RES, CARBON 6.8K 5% 1I4W
R34	1-249-419-11	s	RES, CARBON 1.5K 5% 1/4W
R35	1-215-859-00	s	RES, METAL 22 5% 1W
R36	1-215-859-00	s	RES, METAL 22 5% 1W
R37	1-215-859-00	s	RES, METAL 22 5% 1W
S1	9-995-441-01	o	THERMAL GUARD
SR1	8-719-000-28	s	THYRISTOR CR02AM-8
⚠ T1	9-995-440-01	s	TRANSFORMER
T2	9-995-440-01	s	TRANSFORMER
T3	9-995-439-01	s	CORE
VR1	1-226-775-11	s	RES, ADJ, METAL GLAZE 100K
VR2	1-228-395-00	s	RES, ADJ, METAL GLAZE 10K
VR3	1-228-518-00	s	RES, ADJ, METAL GLAZE 1K

D BOARD (CH2)

Ref No.	Parts No.	SP	Description
⚠ -	1-589-169-11	s	COMPLETE PC BOARD, CH2

(This assembly includes the following parts.)

Ref No.	Parts No.	SP	Description
⚠ C1	1-136-209-11	s	CAP, METAL 0.1 5% 400V
C2	1-136-209-11	s	CAP, METAL 0.1 5% 400V
C3	1-161-740-00	s	CAP, CERAMIC 470P 10% 400V
C4	1-161-740-00	s	CAP, CERAMIC 470P 10% 400V
C5	9-995-443-01	s	CAP, ELECT 82 400V
C6	9-995-445-01	s	CAP, FILM 0.047 630V
C7	1-162-134-11	s	CAP, CERAMIC 470P 10% 2KV
C8	1-106-220-00	s	CAP, FILM 0.1 5% 100V
C9	1-106-379-12	s	CAP, FILM 0.033 5% 200V
C10	1-123-345-00	s	CAP, ELECT 100 20% 35V
C11	1-102-978-00	s	CAP, CERAMIC 220P 5% 50V
C12	1-123-379-00	s	CAP, ELECT 0.47 20% 100V
C13	1-106-347-00	s	CAP, FILM 0.0015 5% 200V
C14	1-123-381-00	s	CAP, ELECT 2.2 20% 100V
C15	1-102-978-00	s	CAP, CERAMIC 220P 5% 50V
C16	1-123-381-00	s	CAP, ELECT 2.2 20% 100V
C17	1-162-135-11	s	CAP, CERAMIC 560P 10% 2KV
C18	1-162-135-11	s	CAP, CERAMIC 560P 10% 2KV
C19	9-995-444-01	s	CAP, ELECT 3300 25V
C20	9-995-444-01	s	CAP, ELECT 3300 25V
C21	1-106-371-00	s	CAP, FILM 0.015 5% 200V
C22	1-123-381-00	s	CAP, ELECT 2.2 20% 100V
C23	1-124-557-11	s	CAP, ELECT 1000 20% 25V
C24	1-124-557-11	s	CAP, ELECT 1000 20% 25V
C25	9-995-445-01	s	CAP, FILM 0.047 630V
C26	9-995-445-01	s	CAP, FILM 0.047 630V
CN1	9-995-442-01	o	CONNECTOR
CN2	1-560-302-00	o	POST HEADER 5P
D1	8-719-300-33	s	DIODE RU-3AM
D2	8-719-300-33	s	DIODE RU-3AM
D3	8-719-110-36	s	DIODE RD13ES-B2
D4	8-719-900-95	s	DIODE V09G
D5	9-995-446-01	s	DIODE ESAD92-02
D6	8-719-812-43	s	DIODE TLG124A
D7	8-719-110-46	s	DIODE RD16ESB3
D8	8-719-812-41	s	DIODE TLR124
D9	8-719-802-30	s	DIODE 1SS176
D10	8-719-109-84	s	DIODE RD5.1ESB1
D11	8-719-109-84	s	DIODE RD5.1ESB1
⚠ F1	1-532-827-11	s	FUSE
F2	1-532-827-11	s	FUSE
IC1	9-995-423-01	s	IC HA16664APS
IC2	8-759-908-15	s	IC TL431CLP
⚠ L1	9-995-449-01	s	COIL, COMMON MODE
L2	9-995-447-01	s	COIL, CHOKE
L3	9-995-448-01	s	COIL, COMMON MODE
⚠ PC1	8-719-902-56	s	DIODE PC817
PC2	8-719-902-56	s	DIODE PC817
PC3	8-719-902-56	s	DIODE PC817
PC4	8-719-902-56	s	DIODE PC817
Q1	9-995-436-01	s	TRANSISTOR 2SK684
Q2	8-729-281-52	s	TRANSISTOR 2SC1815-Y
Q3	8-729-173-38	s	TRANSISTOR 2SA733-K
Q4	8-729-307-28	s	TRANSISTOR 2SA872A-E
Q5	8-729-265-52	s	TRANSISTOR 2SC2655
Q6	8-729-281-52	s	TRANSISTOR 2SC1815-Y

Ref No.	Parts No.	SP	Description			
R1	1-215-901-00	s	RES, METAL	33K		2W
R2	1-215-901-00	s	RES, METAL	33K		2W
R3	1-215-904-11	s	RES, METAL	100K	5%	2W
R4	1-215-904-11	s	RES, METAL	100K	5%	2W
R5	9-995-451-01	s	RES, METAL PLATE	47		5W
R6	1-247-688-11	s	RES, CARBON	10	5%	1/4W
R7	1-247-725-11	s	RES, CARBON	10K	5%	1/4W
R8	9-995-450-01	s	RES, METAL PLATE	0.15		5W
R9	1-249-393-11	s	RES, CARBON	10	5%	1/4W
R10	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R11	1-249-421-11	s	RES, CARBON	2.2K	5%	1/4W
R12	1-249-395-11	s	RES, CARBON	15K	5%	1/4W
R13	1-249-438-11	s	RES, CARBON	56K	5%	1/4W
R14	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R15	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R16	1-247-887-00	s	RES, CARBON	220K	5%	1/4W
R17	1-249-416-11	s	RES, CARBON	820	5%	1/4W
R18	1-247-688-11	s	RES, CARBON	10	5%	1/4W
R19	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
R20	1-249-417-11	s	RES, CARBON	1K	5%	1/4W
R21	1-125-857-11	s	RES, METAL	10	5%	1W
R22	1-215-857-11	s	RES, METAL	10	5%	1W
R23	1-215-857-11	s	RES, METAL	10	5%	1W
R24	1-249-417-11	s	RES, CARBON	1K	5%	1/4W
R25	1-249-422-11	s	RES, CARBON	2.7K	5%	1/4W
R26	1-249-389-11	s	RES, CARBON	4.7	5%	1/4W
R27	1-249-405-11	s	RES, CARBON	100	5%	1/4W
R28	1-249-430-11	s	RES, CARBON	12K	5%	1/4W
R29	1-249-427-11	s	RES, CARBON	1.8K	5%	1/4W
R30	1-215-86-9-11	s	RES, METAL	1K	5%	1W
R31	1-249-405-11	s	RES, CARBON	100	5%	1/4W
R32	1-215-870-11	s	RES, METAL	1.5K	5%	1W
R33	1-249-427S-11	s	RES, CARBON	6.8K	5%	1/4W
R34	1-249-419-11	s	RES, CARBON	1.5K	5%	1/4W
S1	9-995-441-01	o	THERMAL GUARD			
SR1	8-719-000-28	s	THYRISTOR CR02AM-8			
⚠ T1	9-995-452-01	s	TRANSFORMER, CONVERTER			
VR1	1-226-775-11	s	RES, METAL GLAZE l00K			
VR2	1-228-518-00	s	RES, METAL GLAZE 1K			

D BOARD (CH3)

⚠ -	1-589-170-11		COMPLETE PC BOARD, CH3			

(This assembly includes the following parts.)

⚠ C1	1-136-209-11	s	CAP, METAL	0.1	5%	400V
C2	1-136-209-11	s	CAP, METAL	0.1	5%	400V
C3	1-161-740-00	s	CAP, CERAMIC	470P	10%	400V
C4	1-161-740-00	s	CAP, CERAMIC	470P	10%	400V

Ref No.	Parts No.	SP	Description			
C5	9-995-443-01	s	CAP, ELECT	82		400V
C6	9-995-445-01	s	CAP, FILM	0.047		630V
C7	1-162-134-11	s	CAP, CERAMIC	470P	10%	2KV
C8	1-106-220-00	s	CAP, FILM	0.1	5%	100V
C9	1-106-379-12	s	CAP, FILM	0.033	5%	200V
C10	1-123-345-00	s	CAP, ELECT	100	20%	35V
C11	1-102-978-00	s	CAP, CERAMIC	220P	5%	50V
C12	1-123-379-00	s	CAP, ELECT	0.47	20%	100V
C13	1-106-347-00	s	CAP, FILM	0.0015	5%	200V
C14	1-123-381-00	s	CAP, ELECT	2.2	20%	100V
C15	1-102-978-00	s	CAP, CERAMIC	220P	5%	50V
C16	1-123-381-00	s	CAP, ELECT	2.2	20%	100V
C17	1-162-135-11	s	CAP, CERAMIC	560P	10%	2KV
C18	1-162-135-11	s	CAP, CERAMIC	560P	10%	2KV
C19	9-995-444-01	s	CAP, ELECT	3300		25V
C20	9-995-444-01	s	CAP, ELECT	3300		25V
C21	1-106-371-00	s	CAP, FILM	0.015	5%	200V
C22	1-123-381-00	s	CAP, ELECT	2.2	20%	100V
C23	1-124-557-11	s	CAP, ELECT	1000	20%	25V
C24	1-124-557-11	s	CAP, ELECT	1000	20%	25V
C25	9-995-445-01	s	CAP, FILM	0.047		630V
C26	9-995-445-01	s	CAP, FILM	0.047		630V
CN1	9-995-442-01	o	CONNECTOR			
CN2	1-560-302-00	o	POST HEADER 5P			
D1	8-719-900-33	s	DIODE RU-3AM			
D2	8-719-900-33	s	DIODE RU-3AM			
D3	8-719-110-36	s	DIODE RD13ES-B2			
D4	8-719-900-95	s	DIODE V09G			
D5	9-995-446-01	s	DIODE ESAD92-02			
D6	8-719-812-43	s	DIODE TLG124A			
D7	8-719-110-46	s	DIODE RD16ESB3			
D8	8-719-812-41	s	DIODE TLR124			
D9	8-719-802-30	s	DIODE 1SS176			
D10	8-719-109-84	s	DIODE RD5.1ESB1			
D11	8-719-109-84	s	DIODE RD5.1ESB1			
⚠ F1	1-532-827-11	s	FUSE			
F2	1-532-827-11	s	FUSE			
IC1	9-995-423-01	s	IC HA16664APS			
IC2	8-759-908-15	s	IC TC431CLP			
⚠ L1	9-995-449-01	s	COIL, COMMON MODE			
L2	9-995-447-01	s	COIL, CHOKE			
L3	9-995-448-01	s	COIL, COMMON MODE			
⚠ PC1	8-719-902-56	s	DIODE PC817			
PC2	8-719-902-56	s	DIODE PC817			
PC3	8-719-902-56	s	DIODE PC817			
PC4	8-719-902-56	s	DIODE PC817			

Ref No.	Parts No.	SP	Description			
Q1	9-995-436-01	s	TRANSISTOR 2SK684			
Q2	8-729-281-52	s	TRANSISTOR 2SC1815-Y			
Q3	8-729-173-38	s	TRANSISTOR 2SA733-K			
Q4	8-729-307-28	s	TRANSISTOR 2SA872A-E			
Q5	8-729-265-52	s	TRANSISTOR 2SC2655			
Q6	8-729-281-52	s	TRANSISTOR 2SC1815-Y			
R1	1-215-901-00	s	RES, METAL	33K		2W
R2	1-215-901-00	s	RES, METAL	33K		2W
R3	1-215-904-11	s	RES, METAL	100K	5%	2W
R4	1-215-904-11	s	RES, METAL	100K	5%	2W
R5	9-995-451-01	s	RES, METAL PLATE	47		5W
R6	1-247-688-11	s	RES, CARBON	10	5%	1/4W
R7	1-247-725-11	s	RES, CARBON	10K	5%	1/4W
R8	9-995-450-01	s	RES, METAL PLATE	0.15		5W
R9	1-249-393-11	s	RES, CARBON	10	5%	1/4W
R10	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R11	1-249-421-11	s	RES, CARBON	2.2K	5%	1/4W
R12	1-249-395-11	s	RES, CARBON	15K	5%	1/4W
R13	1-249-438-11	s	RES, CARBON	56K	5%	1/4W
R14	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R15	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R16	1-247-887-00	s	RES, CARBON	220K	5%	1/4W
R17	1-249-416-11	s	RES, CARBON	820	5%	1/4W
R18	1-247-688-11	s	RES, CARBON	10	5%	1/4W
R19	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
R20	1-249-417-11	s	RES, CARBON	1K	5%	1/4W
R21	1-215-857-11	s	RES, METAL	10	5%	1W
R22	1-215-857-11	s	RES, METAL	10	5%	1W
R23	1-215-857-11	s	RES, METAL	10	5%	1W
R24	1-249-417-11	s	RES, CARBON	1K	5%	1/4W
R25	1-249-422-11	s	RES, CARBON	2.7K	5%	1/4W
R26	1-249-389-11	s	RES, CARBON	4.7	5%	1/4W
R27	1-249-405-11	s	RES, CARBON	100	5%	1/4W
R28	1-249-430-11	s	RES, CARBON	12K	5%	1/4W
R29	1-249-420-11	s	RES, CARBON	1.8K	5%	1/4W
R30	1-215-869-11	s	RES, METAL	1K	5%	1W
R31	1-249-405-11	s	RES, CARBDN	100	5%	1/4W
R32	1-215-870-11	s	RES, METAL	1.5K	5%	1W
R33	1-249-427-11	s	RES, CARBON	6.8K	5%	1/4W
R34	1-249-419-11	s	RES, CARBDN	1.5K	5%	1/4W
S1	9-995-441-01	s	THERMAL GUARD			
SR1	8-719-000-28	s	THYRISTOR CR02AM-8			
⚠ T1	9-995-452-01	s	TRANSFORMER, CONVERTER			
VR1	1-226-775-11	s	RES, METAL GLAZE 100K			
VR2	1-228-518-00	s	RES, METAL GLAZE 1K			

E BOARD (CH4)

Ref No.	Parts No.	SP	Description
⚠ -	1-589-171-11	s	COMPLETE PC BOARD, CH4

(This assembly includes the following parts.)

Ref No.	Parts No.	SP	Description			
⚠ C1	1-136-209-11	s	CAP, METAL	0.1	5%	400V
C2	1-136-209-11	s	CAP, METAL	0.1	5%	400V
C3	1-161-740-00	s	CAP, CERAMIC	470P	10%	400V
C4	1-161-740-00	s	CAP, CERAMIC	470P	10%	400V
C5	9-995-454-01	s	CAP, ELECT	56		400V
C6	9-995-456-01	s	CAP, FILM	0.01		630V
C7	1-162-131-11	s	CAP, CERAMIC	220	10%	2KV
C8	1-106-220-00	s	CAP, FILM	0.1	5%	100V
C9	1-106-379-12	s	CAP, FILM	0.033	5%	200V
C10	1-123-345-00	s	CAP, ELECT	100	20%	35V
C11	1-102-978-00	s	CAP, CERAMIC	220P	5%	50V
C12	1-123-379-00	s	CAP, ELECT	0.47	20%	100V
C13	1-106-347-00	s	CAP, FILM	0.0015	5%	200V
C14	1-123-381-00	s	CAP, ELECT	2.2M	20%	100V
C15	1-102-978-00	s	CAP, CERAMIC	220P	5%	50V
C16	1-123-381-00	s	CAP, ELECT	2.2M	20%	100V
C17	1-162-134-11	s	CAP, CERAMIC	470P	10%	2KV
C18	1-162-134-11	s	CAP, CERAMIC	470P	10%	2KV
C19	9-995-453-01	s	CAP, ELECT	4700		16V
C21	1-106-345-00	s	CAP, FILM	0.0012	5%	200V
C22	1-124-791-11	s	CAP, ELECT	1M	20%	100V
C23	9-995-455-01	s	CAP, ELECT	1200		16V
C24	9-995-455-01	s	CAP, ELECT	1200		16V
C25	9-995-445-01	s	CAP, FILM	0.047		630V
C26	9-995-445-01	s	CAP, FILM	0.047		630V
CN1	9-995-442-01	o	CONNECTOR			
CN2	1-560-302-00	o	POST HEADER 5P			
D1	8-719-300-33	s	DIODE RU-3AM			
D2	8-719-300-33	s	DIODE RU-3AM			
D3	8-719-110-36	s	DIODE RD13ES-B2			
D4	8-719-900-95	s	DIODE V09G			
D5	9-995-446-01	s	DIODE ESAD92-02			
D6	8-719-812-43	s	DIODE TLG124A			
D7	8-719-110-08	s	DIODE RD8.2ES-B2			
D8	8-719-812-41	s	DIODE TLR124			
D9	8-719-802-30	s	DIODE 1SS176			
D10	8-719-109-84	s	DIODE RD5.1ES-B1			
D11	8-719-109-84	s	DIODE RD5.1ES-B1			
⚠ F1	1-532-827-11	s	FUSE			
F2	1-532-827-11	s	FUSE			
IC1	9-995-423-01	s	IC HA16664APS			
IC2	8-759-908-15	s	IC TL431CLP			
⚠ L1	9-995-449-01	s	COIL, COMMON MODE			
L2	9-995-457-01	s	COIL, CHOKE			
L3	9-995-448-01	s	COIL, COMMON MODE			

Ref No.	Parts No.	SP	Description			
⚠ PC1	8-719-902-56	s	DIODE PC817			
PC2	8-719-902-56	s	DIODE PC817			
PC3	8-719-902-56	s	DIODE PC817			
PC4	8-719-902-56	s	DIODE PC817			
Q1	9-995-428-01	s	TRANSISTOR 2SK793			
Q2	8-729-281-54	s	TRANSISTOR 2SC1815-BL			
Q3	8-729-201-53	s	TRANSISTOR 2SA1015-GR			
Q4	8-727-307-28	s	TRANSISTOR 2SA872A-E			
Q5	8-729-265-54	s	TRANSISTOR 2SC2655			
Q6	8-729-281-54	s	TRANSISTOR 2SC1815-BL			
R1	1-215-901-00	s	RES, METAL	33K	5%	2W
R2	1-215-901-00	s	RES, METAL	33K	5%	2W
R3	1-215-904-11	s	RES, METAL	100K		2W
R5	9-995-458-01	s	RES, METAL PLATE	10		5W
R6	1-249-397-11	s	RES, CARBON	22	5%	1/4W
R7	1-247-725-11	s	RES, CARBON	10K	5%	1/4W
R8	1-217-158-00	s	RES, METAL	0.47	10%	5W
R9	1-249-385-11	s	RES, CARBON	2.2	5%	1/4W
R10	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R11	1-249-421-11	s	RES, CARBON	2.2K	5%	1/4W
R12	1-249-431-11	s	RES, CARBON	15K	5%	1/4W
R13	1-249-438-11	s	RES, CARBON	56K	5%	1/4W
R14	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R15	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R16	1-247-887-00	s	RES, CARBON	220K	5%	1/4W
R17	1-249-416-11	s	RES, CARBON	820	5%	1/4W
R18	1-247-688-11	s	RES, CARBON	10	5%	1/4W
R19	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
R20	1-249-417-11	s	RES, CARBON	1K	5%	1/4W
R21	1-215-857-11	s	RES, METAL	10		1W
R22	1-215-857-11	s	RES, METAL	10		1W
R23	1-215-857-11	s	RES, METAL	10		1W
R24	1-249-417-11	s	RES, CARBON	1K	5%	1/4W
R25	1-249-412-11	s	RES, CARBON	390	5%	1/4W
R26	1-249-389-11	s	RES, CARBON	4.7	5%	1/4W
R27	1-249-405-11	s	RES, CARBON	100	5%	1/4W
R28	1-249-427-11	s	RES, CARBON	6.8K	5%	1/4W
R29	1-249-422-11	s	RES, CARBON	2.7K	5%	1/4W
R30	1-216-430-11	s	RES, METAL	390	5%	1W
R31	1-249-405-11	s	RES, CARBON	100	5%	1/4W
R32	1-215-870-11	s	RES, METAL	1.5K	5%	1W
R33	1-249-427-11	s	RES, CARBON	6.8K	5%	1/4W
R34	1-249-419-11	s	RES, CARBON	1.5K	5%	1/4W
SR1	8-719-000-28	s	THYRISTOR CR02AM-8			
⚠ T1	9-995-459-01	s	TRANSFORMER, CONVERTER			
VR1	1-126-775-11	s	RES, ADJ, METAL GLAZE 100K			
VR2	1-228-518-00	s	RES, ADJ, METAL GLAZE 1K			

F BOARD (CH5)

Ref No.	Parts No.	SP	Description
⚠ -	1-589-172-11	s	COMPLETE PC BOARD, CH5

(This assembly includes the following parts.)

Ref No.	Parts No.	SP	Description			
⚠ C1	1-136-209-11	s	CAP, FILM	0.1	5%	400V
C2	1-136-209-11	s	CAP, FILM	0.1	5%	400V
C3	1-161-740-00	s	CAP, CERAMIC	470P	10%	400V
C4	1-161-740-00	s	CAP, CERAMIC	470P	10%	400V
C5	9-995-454-01	s	CAP, ELECT	56		400V
C6	9-995-456-01	s	CAP, FILM	0.01		630V
C7	1-162-115-00	s	CAP, CERAMIC	330P	10%	2KV
C8	1-106-220-00	s	CAP, FILM	0.1	5%	100V
C9	1-106-379-12	s	CAP, FILM	0.033	5%	200V
C10	1-123-345-00	s	CAP, ELECT	100	20%	35V
C11	1-102-978-00	s	CAP, CERAMIC	220P	5%	50V
C12	1-123-379-00	s	CAP, ELECT	0.47	2%	100V
C13	1-106-347-00	s	CAP, FILM	0.0015	5%	200V
C14	1-123-381-00	s	CAP, ELECT	2.2	20%	100V
C15	1-102-978-00	s	CAP, CERAMIC	220P	5%	50V
C16	1-123-381-00	s	CAP, ELECT	2.2	20%	100V
C17	1-162-134-11	s	CAP, CERAMIC	470P	10%	2KV
C18	1-162-134-11	s	CAP, CERAMIC	470P	10%	2KV
C19	9-995-460-01	s	CAP, ELECT	2200		35V
C21	1-106-371-00	s	CAP, FILM	0.015	5%	200V
C22	1-124-791-11	s	CAP, ELECT	1	20%	100V
C23	1-126-105-11	s	CAP, ELECT	1000	20%	35V
C24	1-126-105-11	s	CAP, ELECT	1000	20%	35V
C25	9-995-445-01	s	CAP, FILM	0.047		630V
C26	9-995-445-01	s	CAP, FILM	0.047		630V
CN1	9-995-442-01	o	CONNECTOR			
CN2	1-560-302-00	o	POST HEADER 5P			
D1	8-719-300-33	s	DIODE RU-3AM			
D2	8-719-300-33	s	DIDDE RU-3AM			
D3	8-719-110-36	s	DIODE RD13ES-B2			
D4	8-719-900-95	s	DIODE V09G			
D5	9-995-446-01	s	DIODE ESAD92-02			
D6	8-719-812-43	s	DIODE TLG124A			
D7	8-719-110-57	s	DIODE RD22ES-B2			
D8	8-719-812-41	s	DIODE TLR124			
D9	8-719-802-30	s	DIODE 1SS176			
D10	8-719-109-84	s	DIODE RD5.1ES-B1			
D11	8-719-109-84	s	DIODE RD5.1ES-B1			
⚠ F1	1-532-827-11	s	FUSE			
F2	1-532-827-11	s	FUSE			
IC1	9-995-423-01	s	IC HA16664APS			
IC2	8-759-908-15	s	IC TL431CLP			
⚠ L1	9-995-449-01	s	COIL, COMMON MODE			

F (CH5, CH6)

Ref No.	Parts No.	SP	Description			
L2	9-995-461-01	s	COIL, CHOKE			
L3	9-995-448-01	s	COIL, COMMON MODE			
⚠ PC1	8-719-902-56	s	DIODE PC817			
PC2	8-719-902-56	s	DIODE PC817			
PC3	8-719-902-56	s	DIODE PC817			
PC4	8-719-902-56	s	DIODE PC817			
Q1	9-995-428-01	s	TRANSISTOR 2SK793			
Q2	8-729-281-54	s	TRANSISTOR 2SC1815-BL			
Q3	8-729-201-53	s	TRANSISTOR 2SA1015-GR			
Q4	8-729-307-28	s	TRANSISTOR 2SA872A-E			
Q5	8-729-265-52	s	TRANSISTOR 2SC2655			
Q6	8-729-281-54	s	TRANSISTOR 2SC1815-BL			
R1	1-215-901-00	s	RES, METAL	33K	5%	2W
R2	1-215-901-00	s	RES, METAL	33K	5%	2W
R3	1-215-904-11	s	RES, METAL	100K	5%	2W
R5	9-995-458-01	s	RES, METAL PLATE	10		5W
R6	1-249-397-11	s	RES, CARBON	22	10%	1/4W
R7	1-247-725-11	s	RES, CARBON	10K	5%	1/4W
R8	1-217-157-00	s	RES, METAL	0.33	10%	5W
R9	1-249-390-11	s	RES, CARBON	5.6	5%	1/4W
R10	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R11	1-249-421-11	s	RES, CARBON	2.2K	5%	1/4W
R12	1-249-431-11	s	RES, CARBON	15K	5%	1/4W
R13	1-249-438-11	s	RES, CARBON	56K	5%	1/4W
R14	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R15	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R16	1-247-887-00	s	RES, CARBON	220K	5%	1/4W
R17	1-249-416-11	s	RES, CARBON	820	5%	1/4W
R18	1-247-688-11	s	RES, CARBON	10	5%	1/4W
R19	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
R20	1-249-417-11	s	RES, CARBON	1K	5%	1/4W
R21	1-215-857-11	s	RES, CARBON	10	5%	1W
R22	1-215-857-11	s	RES, CARBON	10	5%	1W
R23	1-215-857-11	s	RES, CARBON	10	5%	1W
R24	1-249-417-11	s	RES, CARBON	1K	5%	1/4W
R25	1-249-421-11	s	RES, CARBON	2.2K	5%	1/4W
R26	1-249-389-11	s	RES, CARBON	4.7	5%	1/4W
R27	1-249-393-11	s	RES, CARBON	10	5%	1/4W
R28	1-249-435-11	s	RES, CARBON	33K	5%	1/4W
R29	1-249-423-11	s	RES, CARBON	3.3K	5%	1/4W
R30	1-207-613-00	s	RES, WIRE	0.15	10%	3W
R31	1-249-405-11	s	RES, CARBON	100	5%	1/4W
R32	1-215-870-11	s	RES, METAL	1.5K	5%	1W
R33	1-249-427-11	s	RES, CARBON	6.8K	5%	1/4W
R34	1-249-419-11	s	RES, CARBON	1.5K	5%	1/4W
S1	9-995-441-01	o	THERMAL GUARD			
SR1	8-719-000-28	s	THYRISTOR CR02AM-8			
⚠ T1	9-995-462-01	s	TRANSFORMER, CONVERTER			
VR1	1-226-775-11	s	RES, ADJ, GLAZE 100K			
VR2	1-228-518-00	s	RES, ADJ, GLAZE 1K			

F BOARD (CH6)

Ref No.	Parts No.	SP	Description
⚠ -	1-589-173-11	s	COMPLETE PC BOARD, CH6

(This assembly includes the following parts.)

Ref No.	Parts No.	SP	Description			
⚠ C1	1-136-209-00	s	CAP, FILM	0.1	5%	400V
C2	1-136-209-00	s	CAP, FILM	0.1	5%	400V
C3	1-161-740-00	s	CAP, CERAMIC	470P	10%	400V
C4	1-161-740-00	s	CAP, CERAMIC	470P	10%	400V
C5	9-995-454-01	s	CAP, ELECT	56		400V
C6	9-995-456-01	s	CAP, FILM	0.01		630V
C7	1-162-115-00	s	CAP, CERAMIC	330P	10%	2KV
C8	1-106-220-00	s	CAP, FILM	0.1	5%	100V
C9	1-106-379-12	s	CAP, FILM	0.033	5%	200V
C10	1-123-345-00	s	CAP, ELECT	100	20%	35V
C11	1-102-978-00	s	CAP, CERAMIC	220P	5%	50V
C12	1-123-379-00	s	CAP, ELECT	0.47	2%	100V
C13	1-106-347-00	s	CAP, FILM	0.0015	5%	200V
C14	1-123-381-00	s	CAP, ELECT	2.2	20%	100V
C15	1-102-978-00	s	CAP, CERAMIC	220P	5%	50V
C16	1-123-381-00	s	CAP, ELECT	2.2	20%	100V
C17	1-162-134-11	s	CAP, CERAMIC	470P	10%	2KV
C18	1-162-134-11	s	CAP, CERAMIC	470P	10%	2KV
C19	9-995-460-01	s	CAP, ELECT	2200		35V
C21	1-106-371-00	s	CAP, FILM	0.015	5%	200V
C22	1-124-791-11	s	CAP, ELECT	1	20%	100V
C23	1-126-105-11	s	CAP, ELECT	1000	20%	35V
C24	1-126-105-11	s	CAP, ELECT	1000	20%	35V
C25	9-995-445-01	s	CAP, FILM	0.047		630V
C26	9-995-445-01	s	CAP, FILM	0.047		630V
CN1	9-995-442-01	o	CONNECTOR			
CN2	1-560-302-00	o	POST HEADER 5P			
D1	8-719-300-33	s	DIODE RU-3AM			
D2	8-719-300-33	s	DIODE RU-3AM			
D3	8-719-110-36	s	DIODE RD13ES-B2			
D4	8-719-900-95	s	DIODE V09G			
D5	9-995-446-01	s	DIODE ESAD92-02			
D6	8-719-812-43	s	DIODE TLG124A			
D7	8-719-110-57	s	DIODE RD22ES-B2			
D8	8-719-812-41	s	DIODE TLR124			
D9	8-719-802-30	s	DIODE 1SS176			
D10	8-719-109-84	s	DIODE RD5.1ES-B1			
D11	8-719-109-84	s	DIODE RD5.1ES-B1			
⚠ F1	1-532-827-11	s	FUSE			
F2	1-532-827-11	s	FUSE			
IC1	9-995-423-01	s	IC HA16664APS			
IC2	8-759-908-15	s	IC TL431CLP			

Ref No.	Parts No.	SP	Description			
⚠ L1	9-995-449-01	s	COIL, COMMON MODE			
L2	9-995-461-01	s	COIL, CHOKE			
L3	9-995-448-01	s	COIL, COMMON MODE			
⚠ PC1	8-719-902-56	s	DIODE PC817			
PC2	8-719-902-56	s	DIODE PC817			
PC3	8 719-902-56	s	DIODE PC817			
PC4	8-719-902-56	s	DIODE PC817			
Q1	9-995-428-01	s	TRANSISTOR 2SK793			
Q2	8-729-281-54	s	TRANSISTOR 2SC1815-BL			
Q3	8-729-201-53	s	TRANSISTOR 2SA1015-GR			
Q4	8-729-307-28	s	TRANSISTOR 2SA872A-E			
Q5	8-729-265-51	s	TRANSISTOR 2SC2655			
Q6	8-729-281-54	s	TRANSISTOR 2SC1815-BL			
R1	1-215-901-00	s	RES, METAL	33K	5%	2W
R2	1-215-901-00	s	RES, METAL	33K	5%	2W
R3	1-215-904-11	s	RES, METAL	100K	5%	2W
R5	9-995-458-01	s	RES, METAL PLATE	10		5W
R6	1-249-397-11	s	RES, CARBON	22	10%	1/4W
R7	1-247-725-11	s	RES, CARBON	10K	5%	1/4W
R8	1-217-157-00	s	RES, METAL	0.33	10%	5W
R9	1-249-390-11	s	RES, CARBON	5.6	5%	1/4W
R10	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R11	1-249-421-11	s	RES, CARBON	2.2K	5%	1/4W
R12	1-249-431-11	s	RES, CARBON	15K	5%	1/4W
R13	1-249-438-11	s	RES, CARBON	56K	5%	1/4W
R14	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R15	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R16	1-247-887-00	s	RES, CARBON	220K	5%	1/4W
R17	1-248-416-11	s	RES, CARBON	820	5%	1/4W
R18	1-247-688-11	s	RES, CARBON	10	5%	1/4W
R19	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
R20	1-249-417-11	s	RES, CARBON	1K	5%	1/4W
R21	1-215-857-11	s	RES, CARBON	10	5%	1W
R22	1-215-857-11	s	RES, CARBON	10	5%	1W
R23	1-215-857-11	s	RES, CARBON	10	5%	1W
R24	1-249-417-11	s	RES, CARBON	1K	5%	1/4W
R25	1-249-421-11	s	RES, CARBON	2.2K	5%	1/4W
R26	1-249-389-11	s	RES, CARBON	4.7	5%	1/4W
R27	1-249-393-11	s	RES, CARBON	10	5%	1/4W
R28	1-249-435-11	s	RES, CARBON	33K	5%	1/4W
R29	1-249-423-11	s	RES, CARBON	3.3K	5%	1/4W
R30	1-207-613-00	s	RES, WIRE	0.15	10%	3W
R31	1-249-405-11	s	RES, CARBON	100	5%	1/4W
R32	1-215-870-11	s	RES, METAL	1.5K	5%	1W
R33	1-249-427-11	s	RES, CARBON	6.8K	5%	1/4W
R34	1-249-419-11	s	RES, CARBON	1.5K	5%	1/4W
S1	9-995-441-01	o	THERMAL GUARD			
SR1	8-719-000-28	s	THYRISTOR CR02AM-8			

Ref No.	Parts No.	SP	Description
⚠ T1	9-995-462-01	s	TRANSFORMER, CONVERTER
VR1	1-226-775-11	s	RES, ADJ, METAL GLAZE 100K
VR2	1-228-518-00	s	RES, ADJ, METAL GLAZE 1K

G BOARD (CH7)

⚠ -	1-589-174-11	s	COMPLETE PC BOARD, CH7			

(This assembly includes the following parts.)

⚠ C1	1-136-209-11	s	CAP, FILM	0.1	5%	400V
C2	1-136-209-11	s	CAP, FILM	0.1	5%	400V
C3	1-161-740-00	s	CAP, CERAMIC	470P	10%	400V
C4	1-161-740-00	s	CAP, CERAMIC	470P	10%	400V
C5	9-995-454-01	s	CAP, ELECT	56		400V
C6	9-995-445-01	s	CAP, ELECT	0.047		630V
C7	1-162-115-00	s	CAP, CERAMIC	330P	10%	2KV
C8	1-106-220-00	s	CAP, FILM	0.1	5%	100V
C9	1-106-375-12	s	CAP, FILM	0.022	5%	200V
C10	1-123-345-00	s	CAP, ELECT	100	20%	35V
C11	1-102-978-00	s	CAP, CERAMIC	220P	5%	50V
C12	1-123-379-00	s	CAP, CERAMIC	0.47	20%	100V
C13	1-106-347-00	s	CAP, FILM	0.0015	5%	200V
C14	1-123-381-00	s	CAP, ELECT	2.2	20%	100V
C15	1-102-978-00	s	CAP, CERAMIC	220P	5%	50V
C16	1-123-381-00	s	CAP, ECECT	2.2	20%	100VC
C17	1-162-135-11	s	CAP, CERAMIC	560P	10%	2KV
C18	1-162-135-11	s	CAP, CERAMIC	560P	10%	2KV
C19	9-995-444-01	s	CAP, ELECT	3300		25V
C20	9-995-444-01	s	CAP, ELECT	3300		25V
C21	1-106-371-00	s	CAP, CERAMIC	0.015	5%	200V
C22	1-124-791-11	s	CAP, CERAMIC	1	20%	100V
C23	1-124-557-11	s	CAP, CERAMIC	1000	20%	25V
C24	1-124-557-11	s	CAP, CERAMIC	1000	20%	25V
C25	9-995-445-01	s	CAP, ELECT	0.047		630V
C26	9-995-445-01	s	CAP, ECECT	0.047		630V
CN1	9-995-442-01	o	CONNECTOR			
CN2	1-560-302-00	o	POST HEADER 5P			
D1	8-719-300-33	s	DIODE RU-3AM			
D2	5-719-300-03	s	DIODE RU-3AM			
D3	8-719-110-36	s	DIODE RD13ESB2			
D4	8-719-900-95	s	DIODE V09G			
D5	9-995-446-01	s	DIODE ESAD92-02			
D6	8-719-812-43	s	DIODE TLG124A			
D7	8-719-110-46	s	DIODE RD16ESB3			
D8	8-719-812-41	s	DIODE TLR124			
D9	8-719-802-30	s	DIODE 1SS176			
D10	8-719-109-84	s	DIODE RD5.1ESBI			
D11	8-119-109-84	s	DIODE RD5.1ESBI			

G (CH7, CH8)

Ref No.	Parts No.	SP	Description			
⚠ F1	1-532-827-11	s	FUSE			
F2	1-532-821-11	s	FUSE			
IC1	9-995-423-01	s	IC HA16664APS			
IC2	8-59-908-15	s	IC TL431CLP			
⚠ L1	9-995-449-01	s	COIL, COMMON MODE			
L2	9-995-463-01	s	COIL, CHOKE			
L3	5-995-448-01	s	COIL, COMMON MODE			
⚠ PC1	8-719-902-56	s	DIODE PC817			
PC2	8-719-902-56	s	DIODE PC817			
PC3	8-719-902-56	s	DIODE PC817			
PC4	8-719-902-56	s	DIODE PC817			
Q1	9-995-428-01	s	TRANSISTOR 2SK793			
Q2	8-729-287-54	s	TRANSISTOR 2SC1815-BL			
Q3	8-729-201-53	s	TRANSISTOR 2SA1015-GR			
Q4	8-729-307-28	s	TRANSISTOR 2SA872A-E			
Q5	8-729-265-52	s	TRANSISTOR 2SC2655			
Q6	8-729-281-54	s	TRANSISTOR 2SC1815-BL			
R1	1-215-901-00	s	RES, METAL	33K	5%	2W
R2	1-215-901-00	s	RES, METAL	33K	5%	2W
R3	1-216-492-11	s	RES, METAL	82K	5%	3W
R5	9-995-451-01	s	RES, METAL PLATE	47		5W
R6	1-249-397-11	s	RES, CARBON	22	5%	1/4W
R7	1-247-725-11	s	RES, CARBON	10K	5%	1/4W
R8	1-217-156-00	s	RES, METAL	0.22	10%	5W
R9	1-249-389-11	s	RES, CARBON	4.7	5%	1/4W
R10	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R11	1-249-421-11	s	RES, CARBON	2.2K	5%	1/4W
R12	1-249-431-11	s	RES, CARBON	15K	5%	1/4W
R13	1-249-438-11	s	RES, CARBON	56K	5%	1/4W
R14	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R15	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R16	1-247-887-00	s	RES, CARBON	220K	5%	1/4W
R17	1-249-416-11	s	RES, CARBON	820	5%	1/4W
R18	1-247-688-11	s	RES, CARBON	10	5%	1/4W
R19	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
R20	1-249-417-11	s	RES, CARBON	1K	5%	1/4W
R21	1-215-857-11	s	RES, METAL	10	5%	1W
R22	1-215-857-11	s	RES, METAL	10	5%	1W
R23	1-215-857-11	s	RES, METAL	10	5%	1W
R24	1-249-417-11	s	RES, CARBON	1K	5%	1/4W
R25	1-249-419-11	s	RES, CARBON	1.5K	5%	1/4W
R26	1-249-389-11	s	RES, CARBON	4.7	5%	1/4W
R27	1-249-393-11	s	RES, CARBON	10	5%	1/4W
R28	1-249-430-11	s	RES, CARBON	12K	5%	1/4W
R29	1-249-420-11	s	RES, CARBON	1.8K	5%	1/4W
R30	1-215-869-11	s	RES, METAL	1K		1W
R31	1-249-405-11	s	RES, CARBON	100	5%	1/4W
R32	1-215-870-11	s	RES, METAL	1.5K	5%	1W
R33	1-249-427-11	s	RES, CARBON	6.8K	5%	1/4W
R34	1-249-419-11	s	RES, CARBON	1.5K	5%	1/4W
S1	9-995-441-01	s	THERMAL GUARD			
SR1	8-719-000-28	s	THYRISTOR CR02AM-8			
⚠ T1	9-995-464-01	s	TRANSFORMER, CONVERTER			
VR1	1-226-775-11	s	RES, ADJ, METAL GLAZE 100K			
VR2	1-228-518-00	s	RES, ADJ, METAL GLAZE 1K			

G BOARD (CH8)

Ref No.	Parts No.	SP	Description			
⚠ -	1-589-175-11	s	COMPLETE PC BOARD, CH8			

(This assembly includes the following parts.)

Ref No.	Parts No.	SP	Description			
⚠ C1	1-136-209-11	s	CAP, FILM	0.1	5%	400V
C2	1-136-209-11	s	CAP, FILM	0.1	5%	400V
C3	1-161-740-00	s	CAP, CERAMIC	470P	10%	400V
C4	1-161-740-00	s	CAP, CERAMIC	470P	10%	400V
C5	9-995-454-01	s	CAP, ELECT	56		400V
C6	9-995-445-01	s	CAP, ELECT	0.047		630V
C7	1-162-115-00	s	CAP, CERAMIC	330P	10%	2KV
C8	1-106-220-00	s	CAP, FILM	0.1	5%	100V
C9	1-106-375-12	s	CAP, FILM	0.022	5%	200V
C10	1-123-345-00	s	CAP, ELECT	100	20%	35V
C11	1-102-978-00	s	CAP, CERAMIC	220P	5%	50V
C12	1-123-379-00	s	CAP, CERAMIC	0.47	20%	100V
C13	1-106-347-00	s	CAP, FILM	0.0015	5%	200V
C14	1 123-381-00	s	CAP, ELECT	2.2	20%	100V
C15	1-102-978-00	s	CAP, CERAMIC	220P	5%	50V
C16	1-123-381-00	s	CAP, ELECT	2.2	20%	100V
C17	1-162-135-11	s	CAP, CERAMIC	560P	10%	2KV
C18	1-162-135-11	s	CAP, CERAMIC	560P	10%	2KV
C19	9-995-444-01	s	CAP, ELECT	3300		25V
C20	9-995-444-01	s	CAP, ELECT	3300		25V
C21	1-106-371-00	s	CAP, CERAMIC	0.015	5%	200V
C22	1-124-791-11	s	CAP, CERAMIC	1	20%	100V
C23	1-124-557-11	s	CAP, CERAMIC	1000	20%	25V
C24	1-124-557-11	s	CAP, CERAMIC	1000	20%	25V
C25	9-995-445-01	s	CAP, ELECT	0.047		630V
C26	9-995-445-01	s	CAP, ELECT	0.047		630V
CN1	9-995-442-01	o	CONNECTOR			
CN2	1-560-302-00	o	POST HEADER 5P			
D1	8-719-300-33	s	DIODE RU-3AM			
D2	8-719-300-33	s	DIODE RU-3AM			
D3	8-719-110-36	s	DIODE RD13ESB2			
D4	8-719-900-95	s	DIODE V09G			
D5	9-995-446-01	s	DIODE ESAD92-02			

Ref No.	Parts No.	SP	Description			
D6	8-719-812-43	s	DIODE TLG124A			
D7	8-719-110-46	s	DIODE RD16ESB3			
D8	8-719-812-41	s	DIODE TLR124			
D9	8-719-802-30	s	DIODE 1SS176			
D10	8-719-109-84	s	DIODE RD5.1ESB1			
D11	8-719-109-84	s	DIODE RD5.1ESB1			
⚠ F1	**1-532-827-11**	s	FUSE			
F2	**1-532-827-11**	s	FUSE			
IC1	9-995-423-01	s	IC HA16664APS			
IC2	8-759-908-15	s	IC TL431CLP			
⚠ L1	**9-995-449-01**	s	COIL, COMMON MODE			
L2	9-995-463-01	s	COIL, CHOKE			
L3	9-995-448-01	s	COIL, COMMON MODE			
⚠ PC1	**8-719-902-56**	s	DIODE PC817			
PC2	**8-719-902-56**	s	DIODE PC817			
PC3	**8-719-902-56**	s	DIODE PC817			
PC4	**8-719-902-56**	s	DIODE PC817			
Q1	9-995-428-01	s	TRANSISTOR 2SK793			
Q2	8-729-281-54	s	TRANSISTOR 2SC1815-BL			
Q3	8-729-201-53	s	TRANSISTOR 2SA1015-GR			
Q4	8-729-307-28	s	TRANSISTOR 2SA872A-E			
Q5	8-729-265-52	s	TRANSISTOR 2SC2655			
Q6	8-729-281-54	s	TRANSISTOR 2SC1815-BL			
R1	1-215-901-00	s	RES, METAL	33K	5%	2W
R2	1-215-901-00	s	RES, METAL	33K	5%	2W
R3	1-216-492-11	s	RES, METAL	82K	5%	3W
R5	9-995-451-01	s	RES, METAL PLATE	47		5W
R6	1-249-397-11	s	RES, CARBON	22	5%	1/4W
R7	1-247-725-11	s	RES, CARBON	10K	5%	1/4W
R8	1-217-156-00	s	RES, METAL	0.22	10%	5W
R9	1-249-389-11	s	RES, CARBON	4.7	5%	1/4W
R10	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R11	1-249-421-11	s	RES, CARBON	2.2K	5%	1/4W
R12	1-249-431-11	s	RES, CARBON	15K	5%	1/4W
R13	1-249-438-11	s	RES, CARBON	56K	5%	1/4W
R14	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R15	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R16	1-247-887-00	s	RES, CARBON	220K	5%	1/4W
R17	1-249-416-11	s	RES, CARBON	820	5%	1/4W
R18	1-247-688-11	s	RES, CARBON	10	5%	1/4W
R19	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
R20	1-249-417-11	s	RES, CARBON	1K	5%	1/4W
R21	1-215-857-11	s	RES, METAL	10	5%	1W
R22	1-215-857-11	s	RES, METAL	10	5%	1W
R23	1-215-857-11	s	RES, METAL	10	5%	1W
R24	1-249-417-11	s	RES, CARBON	1K	5%	1/4W
R25	1-249-419-11	s	RES, CARBON	1.5K	5%	1/4W
R26	1-249-389-11	s	RES, CARBON	4.7	5%	1/4W
R27	1-249-393-11	s	RES, CARBON	10	5%	1/4W
R28	1-249-430-11	s	RES, CARBON	12K	5%	1/4W
R29	1-249-420-11	s	RES, CARBON	1.8K	5%	1/4W
R30	1-215-869-11	s	RES, METAL	1K		1W
R31	1-249-405-11	s	RES, CARBON	100	5%	1/4W
R32	1-215-870-11	s	RES, METAL	1.5K	5%	1W
R33	1-249-427-11	s	RES, CARBON	6.8K	5%	1/4W
R34	1-249-419-11	s	RES, CARBON	1.5K	5%	1/4W
S1	9-995-441-01	s	THERMAL GUARD			
SR1	8-719-000-28	s	THYRISTOR CR02AM-8			
⚠ T1	**9-995-464-01**	s	TRANSFORMER, CONVERTER			
VR1	1-226-775-11	s	RES, ADJ, METAL GLAZE 100K			
VR2	1-228-518-00	s	RES, ADJ, METAL GLAZE 1K			

H BOARD (CH9)

Ref No.	Parts No.	SP	Description			
⚠ -	**1-589-178-11**	s	COMPLETE PC BOARD CH9			

(This assembly includes the follwing parts.)

Ref No.	Parts No.	SP	Description			
⚠ C1	**1-136-209-11**	s	CAP, FILM	0.1	5%	400V
C2	**1-136-209-11**	s	CAP, FILM	0.1	5%	400V
C3	**1-161-741-00**	s	CAP, CERAMIC	1000P	10%	400V
C4	**1-161-741-00**	s	CAP, CERAMIC	1000P	10%	400V
C5	9-995-465-01	s	CAP, ELECT	220		400V
C6	9-995-468-01	s	CAP, FILM	1.5		250V
C7	9-995-468-01	s	CAP, FILM	1.5		250V
C8	9-995-467-01	s	CAP, CERAMIC	820P		2KV
C9	1-106-383-00	s	CAP, FILM	0.047	5%	200V
C10	1-106-383-00	s	CAP, FILM	0.047	5%	200V
C11	1-162-135-11	s	CAP, CERAMIC	560P	10%	2KV
C12	1-162-135-11	s	CAP, CERAMIC	560P	10%	2KV
C13	9-995-466-01	s	CAP, ELECT	470		100V
C14	1-106-371-00	s	CAP, FILM	0.015	5%	200V
C15	9-995-466-01	s	CAP, ELECT	470		100V
C16	9-995-466-01	s	CAP, ELECT	470		100V
C17	1-136-193-11	s	CAP, FILM	0.47	5%	250V
C18	9-995-470-01	s	CAP, FILM	0.039		630V
C19	9-995-470-01	s	CAP, FILM	0.039		630V
C20	1-123-381-00	s	CAP, ELECT	2.2	20%	100V
C21	1-124-510-11	s	CAP, ELECT	220	20%	35V
C22	1-106-345-00	s	CAP, EILM	0.0012	5%	200V
C23	1-106-220-00	s	CAP, FILM	0.1	5%	100V
C24	1-106-379-12	s	CAP, FILM	0.033	5%	200V
C25	1-126-233-11	s	CAP, ELECT	22	20%	50V
C26	1-106-379-12	s	CAP, FILM	0.033	5%	200V
C27	1-106-220-00	s	CAP, FILM	0.1	5%	100V
C28	1-126-233-11	s	CAP, ELECT	22	20%	50V
⚠ C29	**1-161-741-00**	s	CAP, CERAMIC	1000P	10%	400V

Ref No.	Parts No.	SP	Description
CN1	9-995-442-01	o	CONNECTOR
CN2	1-560-305-00	o	POST HEADER 10P
CN3	1-560-299-00	o	POST HEADER 2P
D1	8-719-912-20	s	DIODE 1SS120
D2	8-719-912-20	s	DIODE 1SS120
D3	8-719-912-20	s	DIODE 1SS120
D4	8-719-912-20	s	DIODE 1SS120
D5	9-995-469-01	s	DIODE C10P40F
D6	9-995-469-01	s	DIODE C10P40F
D7	9-995-469-01	s	DIODE C10P40F
D8	9-995-469-01	s	DIODE C10P40F
D9	8-719-110-73	s	DIODE RD30ES-B3
D10	8-719-110-73	s	DIODE RD30ES-B3
D11	8-719-110-73	s	DIODE RD30ES-B3
D12	8-719-812-43	s	DIODE TLG124A
D13	8-719-109-69	s	DIODE RD3.6ES-B2
D14	8-719-812-41	s	DIODE TLR124
D15	8-719-900-95	s	DIODE V09G
D16	8-719-900-95	s	DIODE V09G
D17	8-719-802-30	s	DIODE 1SS176
D18	8-719-109-84	s	DIODE RD5.1ES-B1
D19	8-719-109-84	s	DIODE RD5.1ES-B1
⚠F1	1-532-850-11	s	FUSE, TIME-LAG
IC1	8-759-937-59	s	IC MB3759
⚠L1	9-995-473-01	s	COIL, COMMON MODE
L2	9-995-471-01	s	COIL, CHOKE
L3	9-995-472-01	s	COIL, CHOKE
L4	9-995-475-01	s	CORE
L5	9-995-475-01	s	CORE
L6	9-995-475-01	s	CORE
L7	9-995-475-01	s	CORE
L8	9-995-476-01	s	COIL
PC1	8-719-902-56	s	DIODE PC817
PC2	8-719-902-56	s	DIODE PC817
Q1	8-729-303-46	s	TRANSISTOR 2SK556
Q2	8-729-303-46	s	TRANSISTOR 2SK556
Q3	8-729-281-54	s	TRANSISTOR 2C1815-BL
Q4	8-729-281-54	s	TRANSISTOR 2C1815-BL
Q5	8-729-281-54	s	TRANSISTOR 2C1815-BL
Q6	9-995-474-01	s	TRANSISTOR 2SK462
Q7	9-995-474-01	s	TRANSISTOR 2SK462
Q8	8-729-201-53	s	TRANSISTOR 2SA1015-GR
Q9	8-729-281-54	s	TRANSISTOR 2C1815-BL
R1	9-995-451-01	s	RES, METAL PLATE 47 5W
R2	1-247-688-11	s	RES, CARBON 10 5% 1/4W
R3	1-247-725-11	s	RES, CARBON 10K 5% 1/4W
R4	1-247-688-11	s	RES, CARBON 10 5% 1/4W
R5	1-247-725-11	s	RES, CARBON 10K 5% 1/4W
R6	1-247-736-11	s	RES, CARBON 56 5% 1/2W
R7	1-249-417-11	s	RES, CARBON 1K 5% 1/4W
R8	1-249-409-11	s	RES, CARBON 220 5% 1/4W
R9	1-249-429-11	s	RES, CARBON 10 5% 1/4W
R10	1-247-736-11	s	RES, CARBON 56 5% 1/2W
R11	1-249-417-11	s	RES, CARBON 1K 5% 1/4W
R12	1-249-409-11	s	RES, CARBON 220 5% 1/4W
R13	1-249-429-11	s	RES, CARBON 10 5% 1/4W
R14	1-215-880-00	s	RES, METAL 10 5% 2W
R15	1-215-880-00	s	RES, METAL 10 5% 2W
R16	9-995-477-01	s	RES, METAL PLATE 20 5W
R17	1-216-486-00	s	RES, METAL 8.2K 5% 3W
R18	1-249-428-11	s	RES, CARBON 8.2K 5% 1/4W
R19	1-249-421-11	s	RES, CARBON 2200 5% 1/4W
R20	1-249-405-11	s	RES, CARBON 100 5% 1/4W
R21	1-247-878-00	s	RES, CARBON 91K 5% 1/4W
R22	1-249-428-11	s	RES, CARBON 8.2K 5% 1/4W
R23	1-247-697-11	s	RES, CARBON 56 5% 1/4W
R24	1-247-697-11	s	RES, CARBON 56 5% 1/4W
R25	1-249-405-11	s	RES, CARBON 100 5% 1/4W
R26	1-249-417-11	s	RES, CARBON 1K 5% 1/4W
R27	1-249-420-11	s	RES, CARBON 1.8K 5% 1/4W
R28	1-249-417-11	s	RES, CARBON 1K 5% 1/4W
R29	1-249-417-11	s	RES, CARBON 1K 5% 1/4W
R30	1-249-413-11	s	RES, CARBON 470 5% 1/4W
R31	1-249-424-11	s	RES, CARBON 3.9K 5% 1/4W
R32	1-249-413-11	s	RES, CARBON 470 5% 1/4W
R33	1-249-417-11	s	RES, CARBON 1K 5% 1/4W
R34	1-249-425-11	s	RES, CARBON 4.7K 5% 1/4W
R35	1-249-420-11	s	RES, CARBON 1.8K 5% 1/4W
R36	1-249-405-11	s	RES, CARBON 100 5% 1/4W
R37	1-249-439-11	s	RES, CARBON 68K 5% 1/4W
R38	1-249-413-11	s	RES, CARBON 470 5% 1/4W
R39	1-249-415-11	s	RES, CARBON 680 5% 1/4W
R40	1-249-417-11	s	RES, CARBON 1K 5% 1/4W
R41	1-249-441-11	s	RES, CARBON 100K 5% 1/4W
R42	1-215-870-11	s	RES, METAL 1.5K 5% 1W
R43	1-249-427-11	s	RES, CARBON 6.8K 5% 1/4W
R44	1-249-419-11	s	RES, CARBON 1.5K 5% 1/4W
R45	9-995-451-11	s	RES, METAL PLATE 47 5W
S1	9-995-480-01	o	THERMAL GUARD
SR1	8-719-000-28	s	THYRISTOR CR02AM-8
⚠T1	9-995-479-01	s	TRANSFORMER, CONVERTER
T2	9-995-478-01	s	TRANSFORMER
T3	9-995-478-01	s	TRANSFORMER
VR1	1-228-394-00	s	RES, ADJ, METAL GLAZE 4.7K
VR2	1-226-772-11	s	RES, ADJ, METAL GLAZE 4.7K
VR3	1-226-772-11	s	RES, ADJ, METAL GLAZE 4.7K

H BOARD (CH10)

Ref No.	Parts No.	SP	Description			
⚠ -	1-589-179-11	s	COMPLETE PC BOARD, CH10			

(This assembly includes the following parts.)

Ref No.	Parts No.	SP	Description			
⚠C1	1-136-209-11	s	CAP, FILM	0.1	5%	400V
C2	1-136-209-11	s	CAP, FILM	0.1	5%	400V
C3	1-161-741-00	s	CAP, CERAMIC	1000P	10%	400V
C4	1-161-741-00	s	CAP, CERAMIC	1000P	10%	400V
C5	9-995-465-01	s	CAP, ELECT	220		400V
C6	9-995-468-01	s	CAP, FILM	1.5		250V
C7	9-995-468-01	s	CAP, FILM	1.5		250V
C8	9-995-467-01	s	CAP, CERAMIC	820P		2KV
C9	1-106-383-00	s	CAP, FILM	0.047	5%	200V
C10	1-106-383-00	s	CAP, FILM	0.047	5%	200V
C11	1-162-135-11	s	CAP, CERAMIC	560P	10%	2KV
C12	1-162-135-11	s	CAP, CERAMIC	560P	10%	2KV
C13	9-995-466-01	s	CAP, ELECT	470		100V
C14	1-106-371-00	s	CAP, FILM	0.015	5%	200V
C15	9-995-466-01	s	CAP, ELECT	470		100V
C16	9-995-466-01	s	CAP, ELECT	470		100V
C17	1-136-193-11	s	CAP, FILM	0.47	5%	250V
C18	9-995-470-01	s	CAP, FILM	0.039		630V
C19	9-995-470-01	s	CAP, FILM	0.039		630V
C20	1-123-381-00	s	CAP, ELECT	2.2	20%	100V
C21	1-124-510-11	s	CAP, ELECT	220	20%	35V
C22	1-106-345-00	s	CAP, FILM	0.0012	5%	200V
C23	1-106-220-00	s	CAP, FILM	0.1	5%	100V
C24	1-106-379-12	s	CAP, FILM	0.033	5%	200V
C25	1-126-233-11	s	CAP, ELECT	22	20%	50V
C26	1-106-379-12	s	CAP, FILM	0.033	5%	200V
C27	1-106-220-00	s	CAP, FILM	0.1	5%	100V
C28	1-126-233-11	s	CAP, ELECT	22	20%	50V
⚠C29	1-161-741-00	s	CAP, CERAMIC	1000P	10%	400V
CN1	9-995-442-01	o	CONNECTOR			
CN2	1-560-350-00	o	POST HEADER 10P			
CN3	1-560-299-00	o	POST HEADER 2P			
D1	8-719-912-20	s	DIODE 1SS120			
D2	8-719-912-20	s	DIODE 1SS120			
D3	8-719-912-20	s	DIODE 1SS120			
D4	8-719-912-20	s	DIODE 1SS120			
D5	9-995-469-01	s	DIODE C10P40F			
D6	9-995-469-01	s	DIODE C10P40F			
D7	9-995-469-01	s	DIODE C10P40F			
D8	9-995-469-01	s	DIODE C10P40F			
D9	8-719-110-73	s	DIODE RD30ES-B3			
D10	8-719-110-73	s	DIODE RD30ES-B3			
D11	8-719-110-73	s	DIODE RD30ES-B3			
D12	8-719-812-53	s	DIODE TLG124A			
D13	8-719-109-69	s	DIODE RD3.6ES-B2			
D14	8-719-812-41	s	DIODE TLR124			
D15	8-719-900-95	s	DIODE V09G			

Ref No.	Parts No.	SP	Description			
D16	8-719-900-95	s	DIODE V09G			
D17	8-719-802-30	s	DIODE 1SS176			
D18	8-719-109-84	s	DIODE RD5.1ES B1			
D19	8-719-109-84	s	DIODE RD5.1ES-B1			
⚠F1	1-532-850-11	s	FUSE, TIME-LAG			
IC1	8-759-937-59	s	IC MB3759			
⚠L1	9-995-473-01	s	COIL, COMMON MODE			
L2	9-995-471-01	s	COIL, CHOKE			
L3	9-995-472-01	s	COIL, CHOKE			
L4	9-995-475-01	s	CORE			
L5	9-995-475-01	s	CORE			
L6	9-995-475-01	s	CORE			
L7	9-995-475-01	s	CORE			
L8	9-995-476-01	s	COIL			
PC1	8-719-902-56	s	DIODE PC817			
PC2	8-719-902-56	s	DIODE PC817			
Q1	8-729-303-46	s	TRANSISTOR 2SK556			
Q2	8-729-303-46	s	TRANSISTOR 2SK556			
Q3	8-729-281-54	s	TRANSISTOR 2C1815-BL			
Q4	8-729-281-54	s	TRANSISTOR 2C1815-BL			
Q5	8-729-281-54	s	TRANSISTOR 2C1815-BL			
Q6	9-995-474-01	s	TRANSISTOR 2SK462			
Q7	9-995-474-01	s	TRANSISTOR 2SK462			
Q8	8-729-201-53	s	TRANSISTOR 2SA1015-GR			
Q9	8-729-281-54	s	TRANSISTOR 2C1815-BL			
R1	9-995-451-01	s	RES, METAL PLATE	47		5W
R2	1-247-688-11	s	RES, CARBON	10	5%	1/4W
R3	1-247-725-11	s	RES, CARBON	10K	5%	1/4W
R4	1-247-688-11	s	RES, CARBON	10	5%	1/4W
R5	1-247-725-11	s	RES, CARBON	10K	5%	1/4W
R6	1-247-736-11	s	RES, CARBON	56	5%	1/2W
R7	1-249-417-11	s	RES, CARBON	1K	5%	1/4W
R8	1-249-416-11	s	RES, CARBON	220	5%	1/4W
R9	1-249-429-11	s	RES, CARBON	10	5%	1/4W
R10	1-247-736-11	s	RES, CARBON	56	5%	1/2W
R11	1-249-417-11	s	RES, CARBON	1K	5%	1/4W
R12	1-249-416-11	s	RES, CARBON	220	5%	1/4W
R13	1-249-429-11	s	RES, CARBON	10	5%	1/4W
R14	1-215-880-00	s	RES, METAL	10	5%	2W
R15	1-215-880-00	s	RES, METAL	10	5%	2W
R16	9-995-477-01	s	RES, METAL PLATE	20		5W
R17	1-216-486-00	s	RES, METAL	8.2K	5%	3W
R18	1-249-428-11	s	RES, CARBON	8.2K	5%	1/4W
R19	1-249-421-11	s	RES, CARBON	2200	5%	1/4W
R20	1-249-405-11	s	RES, CARBON	100	5%	1/4W

Ref No.	Parts No.	SP	Description
R21	1-247-878-00	s	RES, CARBON 91K 5% 1/4W
R22	1-249-428-11	s	RES, CARBON 8.2K 5% 1/4W
R23	1-247-697-11	s	RES, CARBON 56 5% 1/4W
R24	1-247-697-11	s	RES, CARBON 56 5% 1/4W
R25	1-249-405-11	s	RES, CARBON 100 5% 1/4W
R26	1-249-417-11	s	RES, CARBON 1K 5% 1/4W
R27	1-249-420-11	s	RES, CARBON 1.8K 5% 1/4W
R28	1-249-417-11	s	RES, CARBON 1K 5% 1/4W
R29	1-249-417-11	s	RES, CARBON 1K 5% 1/4W
R30	1-249-413-11	s	RES, CARBON 470 5% 1/4W
R31	1-249-424-11	s	RES, CARBON 3.9K 5% 1/4W
R32	1-249-413-11	s	RES, CARBON 470 5% 1/4W
R33	1-249-417-11	s	RES, CARBON 1K 5% 1/4W
R34	1-249-425-11	s	RES, CARBON 4.7K 5% 1/4W
R35	1-249-420-11	s	RES, CARBON 1.8K 5% 1/4W
R36	1-249-405-11	s	RES, CARBON 100 5% 1/4W
R37	1-249-439-11	s	RES, CARBON 68K 5% 1/4W
R38	1-249-413-11	s	RES, CARBON 470 5% 1/4W
R39	1-249-415-11	s	RES, CARBON 680 5% 1/4W
R40	1-249-417-11	s	RES, CARBON 1K 5% 1/4W
R41	1-249-441-11	s	RES, CARBON 100K 5% 1/4W
R42	1-215-870-11	s	RES, METAL 1.5K 5% 1W
R43	1-249-427-11	s	RES, CARBON 6.8K 5% 1/4W
R44	1-249-419-11	s	RES, CARBON 1.5K 5% 1/4W
R45	9-995-451-11	s	RES, METAL PLATE 47 5W
S1	9-995-480-01	o	THERMAL GUARD
SR1	8-719-000-28	s	THYRISTOR CR02AM-8
⚠ T1	9-995-479-01	s	TRANSFORMER, CONVERTER
T2	9-995-478-01	s	TRANSFORMER
T3	9-995-478-01	s	TRANSFORMER
VR1	1-228-394-00	s	RES, ADJ, METAL GLAZE 4.7K
VR2	1-226-772-11	s	RES, ADJ, METAL GLAZE 4.7K
VR3	1-226-772-11	s	RES, ADJ, METAL GLAZE 4.7K

T BOARD (CH11)

Ref No.	Parts No.	SP	Description
⚠ -	1-589-176-11	s	COMPLETE PC BOARD, CH11

(This assembly includes the following parts.)

Ref No.	Parts No.	SP	Description
⚠ C1	1-136-199-00	s	CAP, FILM 0.1 5% 400V
C2	1-136-199-00	s	CAP, FILM 0.1 5% 400V
C3	1-161-740-00	s	CAP, ELECT 470P 10% 400V
C4	1-161-740-00	s	CAP, ELECT 470P 10% 400V
C5	9-995-454-01	s	CAP, ELECT 56 400V
C6	9-995-445-01	s	CAP, FILM 0.047 630V
C7	1-162-134-11	s	CAP, CERAMIC 470P 10% 2KV
C8	1-106-220-00	s	CAP, FILM 0.1 5% 100V
C9	1-106-379-12	s	CAP, FILM 0.033 5% 200V
C10	1-123-345-00	s	CAP, ELECT 100 20% 35V
C11	1-102-978-00	s	CAP, CERAMIC 220P 5% 50V
C12	1-123-379-00	s	CAP, CERAMIC 0.47 20% 100V
C13	1-106-347-00	s	CAP, FILM 0.0015 5% 100V
C14	1-123-381-00	s	CAP, CERAMIC 2.2 20% 50V
C15	1-102-978-00	s	CAP, CERAMIC 220P 5% 50V
C16	1-123-381-00	s	CAP, CERAMIC 2.2 20% 50V
C17	1-162-134-11	s	CAP, CERAMIC 470P 10% 2KV
C18	1-162-134-11	s	CAP, CERAMIC 470P 10% 2KV
C19	9-995-460-01	s	CAP, ELECT 2200 35V
C20	9-995-460-01	s	CAP, ELECT 2200 35V
C21	1-106-371-00	s	CAP, FILM 0.015 5% 100V
C22	1-124-791-11	s	CAP, ELECT 1 20% 50V
C23	1-126-105-11	s	CAP, CERAMIC 1000 20% 35V
C25	9-995-445-01	s	CAP, FILM 0.047 630V
C26	9-995-445-01	s	CAP, FILM 0.047 630V
C29	1-126-105-11	s	CAP, CERAMIC 1000 20% 35V
CN1	9-995-442-01	o	CONNECTOR
CN2	1-560-302-00	o	POST HEADER 5P
D1	8-719-300-33	s	DIODE RU-3AM
D2	8-719-300-33	s	DIODE RU-3AM
D3	8-719-110-36	s	DIODE RD13ES-B2
D4	8-719-900-95	s	DIODE V09G
D5	9-995-446-01	s	DIODE ESAD92-02
D6	8-719-812-43	s	DIODE TLG124A
D7	8-719-110-57	s	DIODE RD22ES-B2
D8	8-719-812-41	s	DIODE TLR124
D9	8-719-802-30	s	DIODE 1SS176
D10	8-719-109-84	s	DIODE RD5.1ES-B1
D11	8-719-109-84	s	DIODE RD5.1ES-B1
⚠ F1	1-532-827-11	s	FUSE
F2	1-532-827-11	s	FUSE
IC1	9-995-423-01	s	IC HA1664APS
IC2	8-759-908-15	s	IC TL431CLP
⚠ L1	9-995-449-01	s	COIL, COMMON MODE
L2	9-995-550-01	s	COIL, CHOKE
L3	9-995-448-01	s	COIL, COMMON MODE
⚠ PC1	8-719-902-56	s	DIODE PC817
PC2	8-719-902-56	s	DIODE PC817
PC3	8-719-902-56	s	DIODE PC817
PC4	8-719-902-56	s	DIODE PC817
Q1	9-995-428-01	s	TRANSISTOR 2SK793
Q2	8-729-281-54	s	TRANSISTOR 2SC1815-BL
Q3	8-729-201-53	s	TRANSISTOR 2SA1015-GR
Q4	8-729-202-44	s	TRANSISTOR 2SA1020
Q5	8-729-265-52	s	TRANSISTOR 2SC2655-Y
Q6	8-729-281-54	s	TRANSISTOR 2SC1815-BL

Ref No.	Parts No.	SP	Description			
R1	1-215-901-00	s	RES, METAL	33K	5%	2W
R2	1-215-901-00	s	RES, METAL	33K	5%	2W
R3	1-216-491-11	s	RES, METAL	56K	5%	3W
R5	9-995-551-01	s	RES, METAL PLATE	33		5W
R6	1-249-397-11	s	RES, CARBON	22	5%	1/4W
R7	1-247-725-11	s	RES, CARBON	10K	5%	1/4W
R8	1-217-156-00	s	RES, METAL PLATE	0.22	10%	5W
R9	1-249-393-11	s	RES, CARBON	10	5%	1/4W
R10	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R11	1-249-421-11	s	RES, CARBON	2.2K	5%	1/4W
R12	1-249-431-11	s	RES, CARBON	15K	5%	1/4W
R13	1-249-438-11	s	RES, CARBON	56K	5%	1/4W
R14	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R15	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R16	1-247-887-00	s	RES, CARBON	220K	5%	1/4W
R17	1-249-416-11	s	RES, CARBON	820	5%	1/4W
R18	1-247-688-11	s	RES, CARBON	10	5%	1/4W
R19	1-249-425-11	s	RES, CARBON	4.7	5%	1/4W
R20	1-249-417-11	s	RES, CARBON	1K	5%	1/4W
R21	1-215-857-11	s	RES, METAL	10	5%	1W
R22	1-215-857-11	s	RES, METAL	10	5%	1W
R23	1-215-857-11	s	RES, METAL	10	5%	1W
R24	1-249-417-11	s	RES, CARBON	1K	5%	1/4W
R25	1-249-421-11	s	RES, CARBON	2.2K	5%	1/4W
R26	1-249-389-11	s	RES, CARBON	4.7K	5%	1/4W
R27	1-249-393-11	s	RES, CARBON	10	5%	1/4W
R28	1-249-435-11	s	RES, CARBON	33K	5%	1/4W
R29	1-249-423-11	s	RES, CARBON	3.3K	5%	1/4W
R30	1-207-613-00	s	RES, METAL	0.15	5%	1W
R31	1-249-405-11	s	RES, CARBON	100	5%	1/4W
R32	1-215-870-11	s	RES, CARBON	1.5K	5%	1/4W
R33	1-249-427-11	s	RES, CARBON	6.8K	5%	1W
R34	1-249-419-11	s	RES, CARBON	1.5K	5%	1/4W
S1	9-995-441-01	o	THERMAL GUARD			
SR1	8-719-000-28	s	THYRISTOR CR02AM-8			
⚠T1	9-995-552-01	s	TRANSFORMER, CONVERTER			
VR1	1-226-775-11	s	RES, ADJ, METAL GLAZE 100K			
VR2	1-228-518-00	s	RES, ADJ, METAL GLAZE 1K			

U BOARD (CH12)

⚠-	1-589-177-11	s	COMPLETE PC BOARD, CH12

(This assembly includes the following parts.)

Ref No.	Parts No.	SP	Description			
⚠C1	1-136-199-00	s	CAP, FILM	0.1	5%	400V
C2	1-136-199-00	s	CAP, FILM	0.1	5%	400V
C3	1-161-740-00	s	CAP, ELECT	470P	10%	400V
C4	1-161-740-00	s	CAP, ELECT	470P	10%	400V
C5	9-995-454-01	s	CAP, ELECT	56		400V
C6	9-995-456-01	s	CAP, FILM	0.01		630V
C7	1-162-115-00	s	CAP, CERAMIC	330P	10%	2KV
C8	1-106-220-00	s	CAP, FILM	0.1	5%	100V
C9	1-106-220-00	s	CAP, FILM	0.1	5%	100V
C10	1-123-345-00	s	CAP, ELECT	100	20%	35V
C11	1-102-978-00	s	CAP, CERAMIC	220P	5%	50V
C12	1-123-379-00	s	CAP, ELECT	0.47	20%	50V
C13	1-106-347-00	s	CAP, FILM	0.0015	5%	200V
C14	1-123-381-00	s	CAP, ELECT	2.2	20%	100V
C15	1-102-978-00	s	CAP, CERAMIC	220P	5%	50V
C16	1-123-381-00	s	CAP, ELECT	2.2	20%	100V
C17	1-162-134-11	s	CAP, CERAMIC	470P	10%	2KV
C18	1-162-134-11	s	CAP, CERAMIC	470P	10%	2KV
C19	9-995-453-01	s	CAP, ELECT	4700		16V
C20	9-995-453-01	s	CAP, ELECT	4700		16V
C21	1-106-347-00	s	CAP, FILM	0.0015	5%	200V
C22	1-126-163-11	s	CAP, ELECT	4.7	20%	50V
C23	9-995-553-01	s	CAP, ELECT	2200		10V
C24	9-995-553-01	s	CAP, ELECT	2200		10V
C25	9-995-445-01	s	CAP, FILM	0.047		630V
C26	9-995-445-01	s	CAP, FILM	0.047		630V
CN1	9-995-442-01	o	CONNECTOR			
CN2	1-560-302-11	o	POST HEADER 5P			
D1	8-719-300-33	s	DIODE RU-3AM			
D2	8-719-300-33	s	DIODE RU-3AM			
D3	8-719-110-36	s	DIODE RD13ES-B2			
D4	8-719-900-95	s	DIODE V09G			
D5	9-995-554-01	s	DIODE ESAD85-009			
D6	8-719-812-43	s	DIODE TLG124A			
D7	8-719-109-89	s	DIODE RD5.6ES-B2			
D8	8-719-812-41	s	DIODE TLR124			
D9	8-719-802-30	s	DIODE 1SS176			
D10	8-719-109-84	s	DIODE RD5.1ES-B1			
D11	8-719-109-84	s	DIODE RD5.1ES-B1			
⚠F1	1-532-827-11	s	FUSE			
F2	1-532-827-11	s	FUSE			
IC1	9-995-423-01	s	IC HA1664APS			
IC2	8-759-908-15	s	IC TL431CLP			
⚠L1	9-995-449-01	s	COIL, COMMON MODE			
L2	9-995-457-01	s	COIL, CHOKE			
L3	9-995-448-01	s	COIL, COMMON MODE			
⚠PC1	8-719-902-56	s	DIODE PC817			
PC2	8-719-902-56	s	DIODE PC817			
PC3	8-719-902-56	s	DIODE PC817			
PC4	8-719-902-56	s	DIODE PC817			

U (CH12), J (C.C), K (IF1), L (INR), M (FLA), N (SIGI)

Ref No.	Parts No.	SP	Description			
Q1	9-995-428-01	s	TRANSISTOR 2SK793			
Q2	8-729-281-54	s	TRANSISTOR 2SC1815-BL			
Q3	8-729-201-53	s	TRANSISTOR 2SA1015-GR			
Q4	8-729-374-02	s	TRANSISTOR 2SB740			
Q5	8-729-265-52	s	TRANSISTOR 2SC2665-Y			
Q6	8-729-281-54	s	TRANSISTOR 2SC1815-BL			
R1	1-215-901-00	s	RES, METAL	33K	5%	2W
R2	1-215-901-00	s	RES, METAL	33K	5%	2W
R3	1-215-929-11	s	RES, METAL	100K	5%	3W
R5	9-995-555-01	s	RES, METAL PLATE	22		5W
R6	1-249-397-11	s	RES, CARBON	22	5%	1/4W
R7	1-247-725-11	s	RES, CARBON	10K	5%	1/4W
R8	1-217-157-00	s	RES, METAL PLATE	0.33		5W
R9	1-249-389-11	s	RES, CARBON	4.7	5%	1/4W
R10	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R11	1-249-421-11	s	RES, CARBON	2.2K	5%	1/4W
R12	1-249-431-11	s	RES, CARBON	15K	5%	1/4W
R13	1-249-438-11	s	RES, CARBON	56K	5%	1/4W
R14	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R15	1-249-429-11	s	RES, CARBON	10K	5%	1/4W
R16	1-247-887-00	s	RES, CARBON	220K	5%	1/4W
R17	1-249-416-00	s	RES, CARBON	820	5%	1/4W
R18	1-247-688-11	s	RES, CARBON	10	5%	1/4W
R19	1-249-425-11	s	RES, CARBON	4.7K	5%	1/4W
R20	1-249-417-11	s	RES, CARBON	1K	5%	1/4W
R21	1-215-857-11	s	RES, METAL	10	5%	1W
R22	1-215-857-11	s	RES, METAL	10	5%	1W
R23	1-215-857-11	s	RES, METAL	10	5%	1W
R24	1-249-417-11	s	RES, CARBON	1K	5%	1/4W
R25	1-249-413-11	s	RES, CARBON	470	5%	1/4W
R26	1-249-389-11	s	RES, CARBON	4.7K	5%	1/4W
R27	1-249-426-11	s	RES, CARBON	5.6K	5%	1/4W
R28	1-249-421-11	s	RES, CARBON	2.2K	5%	1/4W
R29	1-249-420-11	s	RES, CARBON	1.8K	5%	1/4W
R30	1-216-450-00	s	RES, CARBON	82	5%	2W
R31	1-249-405-11	s	RES, CARBON	100	5%	1/4W
R32	1-215-870-11	s	RES, METAL	1.5K	5%	1W
R33	1-249-427-11	s	RES, CARBON	6.8K	5%	1/4W
R34	1-249-419-11	s	RES, CARBON	1.5K	5%	1/4W
S1	9-995-441-01	s	THERMAL GUARD			
SR1	8-719-000-28	s	THYRISTOR CR02AM-8			
⚠ T1	9-995-556-01	s	TRANSFORMER, CONVERTER			
VR1	1-226-775-11	s	RES, ADJ, METAL GLAZE 100K			
VR2	1-228-518-00	s	RES, ADJ, METAL GLAZE 1K			

J BOARD (C.C)

Ref No.	Parts No.	SP	Description			
-	9-995-484-01	o	PC BOARD, C.C			
-	7-684-025-04	o	N5, TYPE2			
⚠ C7	9-995-482-01	s	CAP, ELECT	3300		200V
C8	9-995-482-01	s	CAP, ELECT	3300		200V
C9	9-995-482-01	s	CAP, ELECT	3300		200V
C10	9-995-482-01	s	CAP, ELECT	3300		200V
C11	9-995-482-01	s	CAP, ELECT	3300		200V
C12	9-995-482-01	s	CAP, ELECT	3300		200V
C13	9-995-482-01	s	CAP, ELECT	3300		200V
C14	9-995-482-01	s	CAP, ELECT	3300	20%	200V
R11	9-995-483-01	s	RES, CARBON	4.7K	5%	7W
R12	9-995-483-01	s	RES, CARBON	4.7K	5%	7W

K BOARD (IF1)

Ref No.	Parts No.	SP	Description
-	9-995-485-01	o	PC BOARD, IF1
CN703	1-560-305-00	s	POST HEADER 10P
CN704	1-560-306-00	s	POST HEADER 12P

L BOARD (INR)

Ref No.	Parts No.	SP	Description		
-	9-995-486-01	o	PC BOARD, INR		
⚠ R1	1-217-678-11	s	RES, WIREWOUND	10	
R2	1-217-678-11	s	RES, WIREWOUND	10	
R3	1-217-678-11	s	RES, WIREWOUND	10	
R4	1-217-678-11	s	RES, WIREWOUND	10	
R5	9-900-972-01	s	RESISTOR	6.8K	10W
R6	9-900-972-01	s	RESISTOR	6.8K	10W
R7	9-900-972-01	s	RESISTOR	6.8K	10W
R8	9-900-972-01	s	RESISTOR	6.8K	10W
R9	9-900-972-01	s	RESISTOR	6.8K	10W
R10	9-900-972-01	s	RESISTOR	6.8K	10W

M BOARD (FLA)

Ref No.	Parts No.	SP	Description			
-	9-995-488-01	o	PC BOARD, FLA			
⚠ C1	1-136-185-00	s	CAP, METAL	0.22	20%	25V
C2	1-161-741-00	s	CAP, CERAMIC	0.001	10%	400V
C3	1-161-741-00	s	CAP, CERAMIC	0.001	10%	400V
C4	1-136-185-00	s	CAP, METAL	0.22	20%	25V
C5	1-161-741-00	s	CAP, CERAMIC	0.001	10%	400V
C6	1-161-741-00	s	CAP, CERAMIC	0.001	10%	400V
L1	9-995-487-01	s	COIL, COMMON MODE			

N BOARD (SIG1)

Ref No.	Parts No.	SP	Description
-	1-560-302-00	o	POST HEADER
-	9-995-489-01	o	PC BOARD, SIG1

P BOARD (IF2)

Ref No.	Parts No.	SP	Description			
-	9-995-490-01	o	PC BOARD, IF2			
C1	1-106-367-00	s	CAP, FILM	0.01	5%	200V
C2	1-106-367-00	s	CAP, FILM	0.01	5%	200V
C3	1-106-367-00	s	CAP, FILM	0.01	5%	200V
C4	1-106-367-00	s	CAP, FILM	0.01	5%	200V
CN1	1-560-306-00	o	POST HEADER 12P			
CN2	1-560-304-00	o	POST HEADER 8P			
D1	8-719-802-30	s	DIODE 1SS176			
D2	8-719-812-41	s	DIODE TLR124			
D3	8-719-110-04	s	DIODE RD7.5ES-B3			
D4	8-719-802-30	s	DIODE 1SS176			
D5	8-719-812-41	s	DIODE TLR124			
D6	8-719-110-04	s	DIODE RD7.5ES-B3			
D7	8-719-802-30	s	DIODE 1SS176			
D8	8-719-812-41	s	DIODE TLR124			
D9	8-719-110-04	s	DIODE RD7.5ES-B3			
D10	8-719-802-30	s	DIODE 1SS176			
D11	8-719-812-43	s	DIODE TLG124A			
D12	8-719-110-04	s	DIODE RD7.5ES-B3			
PC1	8-719-902-56	s	DIODE PC817			
PC2	8-719-902-56	s	DIODE PC817			
PC3	8-719-902-56	s	DIODE PC817			
PC4	8-719-902-56	s	DIODE PC817			
R1	1-249-418-11	s	CAP, CARBON	1.2K	5%	1/4W
R2	1-247-852-11	s	CAP, CARBON	7.5K	5%	1/4W
R3	1-249-433-11	s	CAP, CARBON	22K	5%	1/4W
R4	1-249-405-11	s	CAP, CARBON	100	5%	1/4W
R5	1-249-418-11	s	CAP, CARBON	1.2K	5%	1/4W
R6	1-247-852-11	s	CAP, CARBON	7.5K	5%	1/4W
R7	1-249-433-11	s	CAP, CARBON	22K	5%	1/4W
R8	1-249-405-11	s	CAP, CARBON	100	5%	1/4W
R9	1-249-418-11	s	CAP, CARBON	1.2K	5%	1/4W
R10	1-247-852-11	s	CAP, CARBON	7.5K	5%	1/4W
R11	1-249-433-11	s	CAP, CARBON	22K	5%	1/4W
R12	1-249-405-11	s	CAP, CARBON	100	5%	1/4W
R13	1-249-418-11	s	CAP, CARBON	1.2K	5%	1/4W
R14	1-247-852-11	s	CAP, CARBON	7.5K	5%	1/4W
R15	1-249-433-11	s	CAP, CARBON	22K	5%	1/4W
R16	1-249-405-11	s	CAP, CARBON	100	5%	1/4W

O BOARD (SIG2)

-	1-560-306-00	o	POST HEADER 12P
-	9-995-491-01	o	PC BOARD, SIG2

R BOARD (OCP1)

Ref No.	Parts No.	SP	Description			
-	9-995-494-01	o	PC BOARD, OCP1			
C1	9-995-492-01	o	CAP, ELECT	100		35V
C2	9-995-492-01	o	CAP, ELECT	100		35V
C3	9-995-492-01	o	CAP, ELECT	100		35V
C4	9-995-492-01	o	CAP, ELECT	100		35V
C5	9-995-493-01	s	CAP, ELECT	2200		10V
C6	9-995-492-01	o	CAP, ELECT	100		35V
C7	9-995-492-01	o	CAP, ELECT	100		35V
C8	9-995-492-01	o	CAP, ELECT	100		35V

S BOARD (OCP2)

-	9-995-496-01	o	PC BOARD, OCP2			
C1	9-995-493-01	o	CAP, ELECT	2200		10V
C2	9-995-495-01	o	CAP, ELECT	47		100V
C3	9-995-492-01	o	CAP, ELECT	100		35V
C4	9-995-495-01	o	CAP, ELECT	47		100V
C5	9-995-495-01	s	CAP, ELECT	47		100V

Q BOARD (VOP)

- 1-589-185-11 s COMPLETE PC BOARD, VOP
(This assembly includes the following parts.)

C1	9-995-497-01	s	CAP, ELECT	330		200V
C2	1-123-381-00	s	CAP, ELECT	2.2	20%	100V
C3	1-124-045-00	s	CAP, ELECT	47	20%	50V
C4	1-126-541-11	s	CAP, ELECT	330	20%	25V
CN1	9-995-501-01	o	CONNECTOR			
CN2	9-995-502-01	o	CONNECTOR			
CN3	9-995-502-01	o	CONNECTOR			
D1	8-719-510-06	s	DIODE S1WB60			
D2	8-719-510-06	s	DIODE S1WB60			
D3	8-719-510-06	s	DIODE S1WB60			
D4	8-719-912-20	s	DIODE 1SS120			
D5	8-719-912-20	s	DIODE 1SS120			
D6	8-719-110-67	s	DIODE RD27ES-B2			
D7	8-719-100-36	s	DIODE RD13ES-B2			
D8	8-719-110-49	s	DIODE RD18ES-B2			
D9	8-719-109-89	s	DIODE RD5.6ES-B2			
D10	8-719-802-30	s	DIODE 1SS176			
⚠PC1	8-719-902-56	s	DIODE PC817			
PC2	8-719-902-56	s	DIODE PC817			
Q1	8-729-281-54	s	TRANSISTOR 2SC1815			
Q2	9-995-498-01	s	TRANSISTOR 2SD798			
Q3	8-729-307-28	s	TRANSISTOR 2SA872A-E			
R1	1-215-900-11	s	RES, METAL	22K	5%	2W
R2	1-249-465-11	s	RES, CARBON	47K	5%	1/4W
R3	1-215-900-11	s	RES, METAL	22K	5%	2W
R4	1-247-713-11	s	RES, CARBON	1K	5%	1/4W
R5	1-215-902-11	s	RES, METAL	47K	5%	1W

Q (VOP), FRAME

Ref No.	Parts No.	SP	Description			
R6	1-215-864-00	s	RES, METAL	150	5%	1W
R7	1-215-864-00	s	RES, METAL	150	5%	1W
R8	1-247-713-11	s	RES, CARBON	1K	5%	1/4W
R9	1-216-465-11	s	RES, METAL	27K	5%	2W
R10	1-216-465-11	s	RES, METAL	27K	5%	2W
R11	1-216-464-11	s	RES, METAL	18K	5%	2W
R12	1-216-464-11	s	RES, METAL	18K	5%	2W
R13	1-216-464-11	s	RES, METAL	18K	5%	2W
R14	1-216-464-11	s	RES, METAL	18K	5%	2W
R15	1-247-725-11	s	RES, CARBON	10K	5%	1/4W
R16	1-247-725-11	s	RES, CARBON	10K	5%	1/4W
R17	1-249-405-11	s	RES, CARBON	100	5%	1/4W
R18	1-249-405-11	s	RES, CARBON	100	5%	1/4W
R19	1-249-413-11	s	RES, GARBON	470	5%	1/4W
R20	1-249-399-11	s	RES, CARBON	33	5%	1/4W
R21	1-215-900-11	s	RES, METAL	22K	5%	2W
SR1	8-719-000-28	s	THYRISTOR CR02AM-8			
⚠T1	9-995-500-01	s	TRANSFORMER			
TR1	9-995-499-01	s	TRIAX			

FRAME

Ref No.	Parts No.	SP	Description		
-	9-995-508-01	s	TERMINAL BLOCK	8P	
-	9-995-509-01	s	TERMINAL BLOCK	11P	
-	9-995-510-01	s	TERMINAL BLOCK	12P	
BR1	1-532-673-00	s	BREAKER		
C22	9-995-506-01	s	CR COMPONENT		
C23	9-995-506-01	s	CR COMPONENT		
C24	9-995-505-01	s	CAP, ELECT	4700	16V
C25	1-161-743-00	s	CAP, CERAMIC	4700	400V
C26	1-161-743-00	s	CAP, CERAMIC	4700	400V
CN701	9-995-507-01	s	INLET, AC		
D1	8-719-300-55	s	DIODE SG-68S		
D2	8-719-300-55	s	DIODE SG-68S		
D3	8-719-300-54	s	DIODE SG-68R		
D4	8-719-300-54	s	DIODE SG-68R		
D12	9-995-511-01	s	DIODE, SCHOTTKY		
D13	9-995-511-01	s	DIODE, SCHOTTKY		
D14	9-995-511-01	s	DIODE, SCHOTTKY		
D15	9-995-511-01	s	DIODE, SCHOTTKY		
FN1	1-541-689-11	s	FAN		
FN2	1-541-689-11	s	FAN		
FN3	1-541-689-11	s	FAN		
FN4	1-541-689-11	s	FAN		
L1	9-995-504-01	s	COIL, CHOKE		
PTH1	9-995-512-01	s	DIODE, SCHOTTKYIndex		

Ref No.	Parts No.	SP	Description
R33	9-995-506-01	s	CR COMPONENT
R34	9-995-506-01	s	CR COMPONENT
RY1	1-515-743-11	s	RELAY, POWER
RY3	1-515-744-11	s	RELAY, POWER
RY21	1-515-744-11	s	RELAY, POWER
RY22	1-515-744-11	s	RELAY, POWER
RY23	1-515-744-11	s	RELAY, POWER
RY24	1-515-744-11	s	RELAY, POWER
T1	9-995-503-02	s	POWER TRANSFORMER

D-4. ACCESSORIES SUPPLIED

Q'ty	Parts No.	SP	Description
MAIN UNIT			
⚠ 1pc	1-574-543-11	s	CORD, POWER (For EK)
1pc	1-559-883-11	s	CORD, POWER (For J)
1pc	1-574-816-11	s	CORD, POWER (For UC)
REMOTE CONTROL UNIT			
⚠ 1pc	1-590-910-11	s	CORD SET, POWER (For EK)
1pc	1-557-161-00	s	CORD, POWER (For J)
1pc	1-557-377-11	s	CORD, POWER (For UC)
1pc	1-557-378-12	s	CABLE ASSY, CONNECTION (REMOTE)
1pc	3-170-078-01	o	HOLDER (B), PLUG (Serial No. 10201 and higher)
6pcs	1-565-704-11	s	PLUG, MULTI CONNECTOR 27P
6pcs	1-565-705-11	s	PLUG, MULTI CONNECTOR 27P

CN633	(FROM CN303)	CN634	(TO CN661 REMOTE1)
1A	PLYTLY*	PLYTLY*	1A
1B	RECTLY*	RECTLY*	1B
2A	REWTLY*	REWTLY*	2A
2B	FFTLY*	FFTLY*	2B
3A	STPTLY*	STPTLY*	3A
3B	RESERVED	RESERVED	3B
4A	UNCTRST*	UNCTRST*	4A
4B	EXSPTLY*	EXSPTLY*	4B
5A	EXPHTLY*	EXPHTLY*	5A
5B	Vcc	Vcc	5B
6A	Vcc	Vcc	6A
6B	Vcc	Vcc	6B
7A	Vcc	Vcc	7A
7B	Vcc	Vcc	7B
8A	TACH1OUT*	TACH1OUT*	8A
8B	TACH2OUT*	TACH2OUT*	8B
9A	SRVUNLST*	SRVUNLST*	9A
9B	RESERVED	RESERVED	9B
10A	RESERVED	RESERVED	10A
10B	RESERVED	RESERVED	10B
11A	RESERVED	RESERVED	11A
11B	RESERVED	RESERVED	11B
12A	RESERVED	RESERVED	12A
12B	RESERVED	RESERVED	12B
13A	GND	GND	13A
13B	GND	GND	13B
14A	GND	GND	14A
14B	GND	GND	14B
15A	GND	GND	15A
15B	EXPHCMD*	EXPHCMD*	15B
16A	EXSPCMD*	EXSPCMD*	16A
16B	RESERVED	RESERVED	16B
17A	STPCMD*	STPCMD*	17A
17B	FFCMD*	FFCMD*	17B
18A	REWCMD*	REWCMD*	18A
18B	RECCMD*	RECCMD*	18B
19A	PLYCMD*	PLYCMD*	19A
19B			19B
20A			20A
20B			20B

CN638	(FROM CN210)	CN637	(TO CN635 PHASE INPUT CN636N SPEED INPUT)
1	GND	GND	1
2	EXT PH-	EXT PH-	2
3	EXT PH+	EXT PH+	3
4	GND	GND	4
5	EXT SPD-	EXT SPD-	5
6	EXT SPD+	EXT SPD+	6

Connector

CN-250 BOARD

BOARD NO.1-627-321-11 & HIGHER
PCM-3348

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